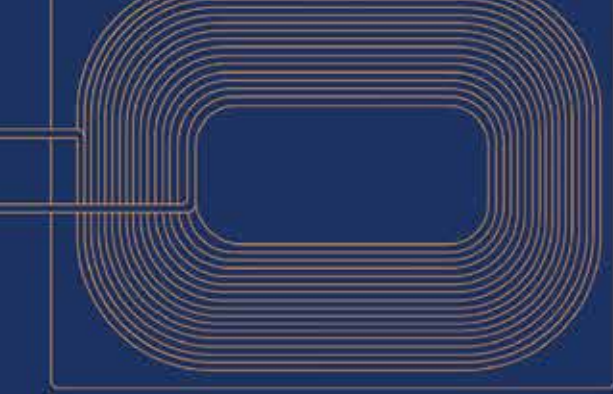


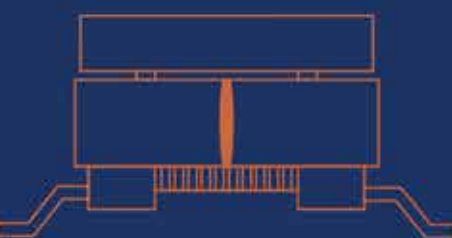
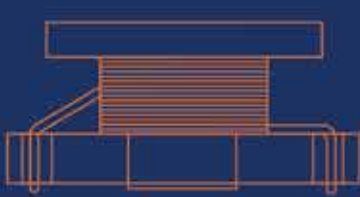


Your solutions to
Electro-Magnetic Components



Product Catalogue

The complete guide to Superworld
Electronic's part list. This includes the
product part number, photograph and
specifications for your solution.



Find us at:

LinkedIn: [Superworld Electronics](#)

WeChat: [superworld](#)

Website: www.superworld.com.sg

Product Catalogue

AT A GLANCE

OUR BUSINESS

Founded in 1993, Superworld Electronics has since evolved into an established manufacturer of magnetic products.

With a solid foundation in manufacturing technology and years of experience in innovation, we have been widely recognized as a global supplier for electromagnetic components like Inductors, Transformers and Wireless Charging Coils.



Headquartered in Singapore, Superworld Electronics has established a strong presence in Asia with major manufacturing facilities in China, Taiwan and Myanmar

Our global sales coverage positions us to be near to our customers and allow us to assist them in consolidating their supply base and lowering their total procurement cost.

OUR VISION

Quality. Well-Being. Better Life

OUR MISSION

With Passion, Pride and Speed, we create innovative solutions aimed at improving the competitiveness of our customers, world's well-being and quality of life.

MILESTONES OF SUPERWORLD

1970

Established Ferrite Core Factory in Taiwan

1993 - 1999

Established Singapore HQ Office

R&D Office and Ferrite Bead Plant in Taiwan

Transformer and Inductor factory in South China

2000 - 2006

Established Superworld Holdings

1st North China Factory in Kunshan

Interconnect Factory in South China



2007 - 2010

Inductor Factory in Sihong, Jiangsu

2011 - 2014

Migrate to SAP System

New Transformer Factory in Myanmar

2015 - 2016

Expand Singapore R&D and Engineering Team

Expand and Shifted Sihong Facility

Dongguan attained IATF16949

2018 - 2020

Invested in Automation and

Robotic Arms Manufacturing

Capacity increase of SMD Inductors



SUPERWORLD GLOBAL PRESENCE

NORTH AMERICA

SALES REPRESENTATIVE & DISTRIBUTORS

- California
- Minneapolis
- Seattle
- Texas

EUROPE

SALES REPRESENTATIVE & DISTRIBUTORS

- Jauch Quarts UK Ltd
- Starday S.R.L
- Ziontronics Ltd

ASIA

CORPORATE HEADQUARTERS

- Singapore

LOGISTIC HUBS

- Singapore
- Hong Kong

MANUFACTURING FACILITIES

- China, PRC - Dongguan, Guangdong
- China, PRC - Kunshan, Jiangsu
- China, PRC - SiHong Jiangsu
- Myanmar - Yangon
- Taiwan, ROC - Yangmei, Taoyuan

R&D & ENGINEERING SUPPORT

- Singapore
- China, PRC - Dongguan, Guangdong
- China, PRC - Kunshan, Jiangsu
- China, PRC - SiHong Jiangsu
- Myanmar - Yangon
- Taiwan, ROC - Xinzhuang, Taipei
- Taiwan, ROC - Yangmei, Taoyuan

SALES OFFICES

- Singapore
- China, PRC - Dongguan, Guangdong
- China, PRC - Kunshan, Jiangsu
- Taiwan, ROC - XinZhuang, Taipei

LEADING EDGE TECHNOLOGY

TOOLING & MOLDING TECHNOLOGY

At Superworld, we are always at the forefront of assimilating new knowledge and technology.

Along with our technical expertise and skilled tool makers, we can build you the tooling to complete your unique requirement with the best tool for the job.

RAW MATERIAL DEVELOPMENT

Superworld develops and utilizes only the finest quality of raw core materials, thus, ensuring quality is embedded in our product from the start of the production process

ANALYSIS & SIMULATION TECHNOLOGY

Today, analysis and simulation technology is regarded as an extremely important technology in the design of various processes.

Here, in Superworld, we employ various simulation and analysis technologies in each design phase to offer high precision and quality ddesign for our magnetic product.

PRODUCTION TECHNOLOGY

Superworld offers the latest technical capabilities to meet customers product design requirement. Our production facility offers high-end technology and machinery.

WIRELESS POWER TRANSFER

TRANSMITTER COIL 09

RECEIVER COIL 13

TRANSMITTER MODULE 15

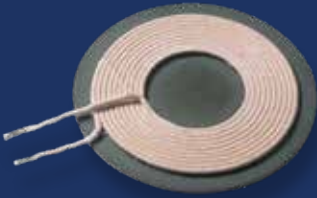
RECEIVER MODULE 16

WIRELESS POWER TRANSFER

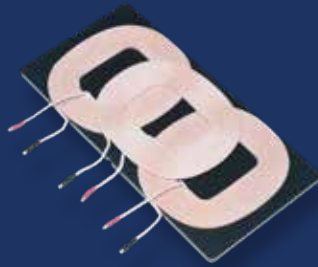
Superworld Electronics Wireless Charging Coils feature high permeability shielding and enables seamless charging of High-Power Devices at speed.

Our charging coils design is of Qi-standard compliant, ranging from 3.5W to 300W.

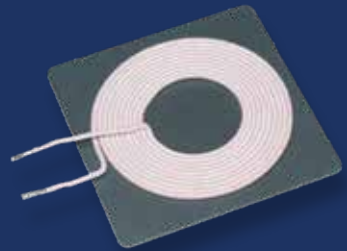
TRANSMITTER COIL



SCT SERIES



STX 3-COIL SERIES

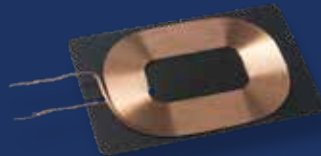


STX SERIES

RECEIVER COIL

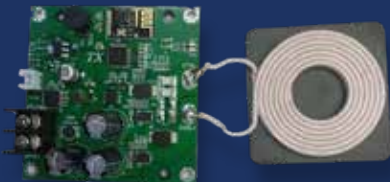


SCR SERIES

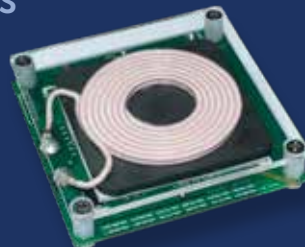


SRX SERIES

MODULES



WMTS SERIES



WMRS SERIES

WIRELESS POWER TRANSFER

TRANSMITTER COIL — SCT20022R0K

Item	Diameter (mm)	20.00			Height (mm)	2.00
	Inductance (μH)	2.00	DCR (mΩ)	78.0	Irms (mA)	1200
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	-		Winding		Single

TRANSMITTER COIL — SCT50036R3KA11S

Item	Diameter (mm)	50.00			Height (mm)	3.00
	Inductance (μH)	6.30	DCR (mΩ)	45.0	Irms (mA)	5000
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	A11		Winding		Single

 AEC-Q200 | Please refer to our website for automotive part information

TRANSMITTER COIL — SCT50036R3KMP11

Item	Diameter (mm)	50.00			Height (mm)	3.00
	Inductance (μH)	6.30	DCR (mΩ)	45.0	Irms (mA)	5000
	Ferrite Sheet	Hard		Power (W)		15.00
	Qi Design	MP-A11		Winding		Single

 AEC-Q200 | Please refer to our website for automotive part information

TRANSMITTER COIL — SCT50046R3KA11D

Item	Diameter (mm)	50.00			Height (mm)	4.00
	Inductance (μH)	6.30	DCR (mΩ)	25.0	Irms (mA)	10000
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	A11		Winding		Bi-Filar

 AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

TRANSMITTER COIL — SCT50046R3KMP11

Item	Diameter (mm)	50.00			Height (mm)	4.00
	Inductance (μH)	6.30	DCR (mΩ)	25.0	Irms (mA)	10000
	Ferrite Sheet	Hard		Power (W)		15.00
	Qi Design	MP-A11		Winding		Bi-Filar



AEC-Q200 | Please refer to our website for automotive part information

TRANSMITTER COIL — SCT55048R9KMPA4

Item	Diameter (mm)	55.00			Height (mm)	4.00
	Inductance (μH)	8.90	DCR (mΩ)	55.0	Irms (mA)	6000
	Ferrite Sheet	Hard		Power (W)		15.00
	Qi Design	MP-A4		Winding		Single



AEC-Q200 | Please refer to our website for automotive part information

TRANSMITTER COIL — STX101560410R2KA9

Item	Length (mm)	101.50	Width (mm)	48.80	Height (mm)	4.70
	Inductance (μH)	9.80/10.2	DCR (mΩ)	80.0	Irms (mA)	7000
	Ferrite Sheet	Flexible		Power (W)		15.0
	Qi Design	MP-A9		Winding		Single



AEC-Q200 | Please refer to our website for automotive part information

TRANSMITTER COIL — STX106530612R5KTA

Item	Length (mm)	106.00	Width (mm)	53.00	Height (mm)	6.00
	Inductance (μH)	11.5/12.5	DCR (mΩ)	80.0	Irms (mA)	6500
	Ferrite Sheet	Hard		Power (W)		15.0
	Qi Design	MP-A13		Winding		Single



AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

TRANSMITTER COIL — STX106530612R5KT

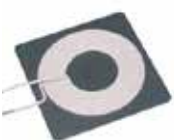
Item	Length (mm)	106.00	Width (mm)	53.00	Height (mm)	6.00
	Inductance (μH)	11.5/12.5	DCR (mΩ)	80.0	Irms (mA)	6500
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	A6		Winding		Single

 AEC-Q200 | Please refer to our website for automotive part information

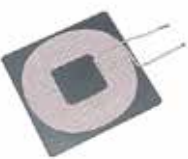
TRANSMITTER COIL — STX5050036R3KA11S

Item	Length (mm)	50.00	Width (mm)	50.00	Height (mm)	3.00
	Inductance (μH)	6.30	DCR (mΩ)	45.0	Irms (mA)	5000
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	A11		Winding		Single

TRANSMITTER COIL — STX5050036R3KMP11

Item	Length (mm)	50.00	Width (mm)	50.00	Height (mm)	3.00
	Inductance (μH)	6.30	DCR (mΩ)	45.0	Irms (mA)	5000
	Ferrite Sheet	Hard		Power (W)		15.0
	Qi Design	MP-A11		Winding		Single

TRANSMITTER COIL — STX555504100KMPA2

Item	Length (mm)	55.00	Width (mm)	55.00	Height (mm)	4.50
	Inductance (μH)	10.0	DCR (mΩ)	80.0	Irms (mA)	6000
	Ferrite Sheet	Hard		Power (W)		15.0
	Qi Design	MP-A2		Winding		Single

 AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

TRANSMITTER COIL — STX5050046R3KA11D

Item	Length (mm)	50.00	Width (mm)	50.00	Height (mm)	4.00
	Inductance (μH)	6.30	DCR (mΩ)	25.0	Irms (mA)	1000
	Ferrite Sheet	Hard		Power (W)		5.00
	Qi Design	A11		Winding		Bi-Filar

TRANSMITTER COIL — STX5050046R3KMPA11

Item	Length (mm)	50.00	Width (mm)	50.00	Height (mm)	4.00
	Inductance (μH)	6.30	DCR (mΩ)	25.0	Irms (mA)	10000
	Ferrite Sheet	Hard		Power (W)		15.00
	Qi Design	MP-A11		Winding		Bi-Filar

TRANSMITTER COIL — STX99550411R3SMA6

Item	Length (mm)	99.00	Width (mm)	55.60	Height (mm)	4.50
	Inductance (μH)	11.30	DCR (mΩ)	80.0	Irms (mA)	6500
	Ferrite Sheet	Hard		Power (W)		15.00
	Qi Design	MP-A6		Winding		Single



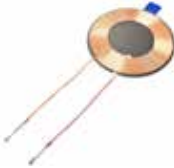
AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

RECEIVER COIL — SCR20015R0K

Item	Diameter (mm)	20.00			Height (mm)	1.50
	Inductance (μH)	5.00	DCR (mΩ)	180	Irms (mA)	1200
	Ferrite Sheet	Flexible		Power (W)		3.50
	Qi Design	-		Winding		Single

RECEIVER COIL — SCR35018R3KB

Item	Diameter (mm)	35.00			Height (mm)	1.20
	Inductance (μH)	8.30	DCR (mΩ)	160	Irms (mA)	2000
	Ferrite Sheet	Flexible		Power (W)		5.00
	Qi Design	-		Winding		Bi-Filar

RECEIVER COIL — SRX10300112R8KB

Item	Length (mm)	30.00	Width (mm)	10.00	Height (mm)	1.00
	Inductance (μH)	12.80	DCR (mΩ)	780	Irms (mA)	800
	Ferrite Sheet	Flexible		Power (W)		3.50
	Qi Design	-		Winding		Bi-Filar

RECEIVER COIL — SRX2939018R6JB

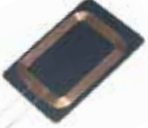
Item	Length (mm)	39.50	Width (mm)	29.50	Height (mm)	1.10
	Inductance (μH)	8.60	DCR (mΩ)	165	Irms (mA)	2400
	Ferrite Sheet	Flexible		Power (W)		5.00 - 15.00
	Qi Design	-		Winding		Bi-Filar



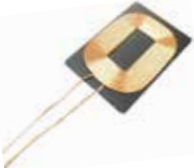
AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

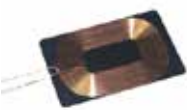
RECEIVER COIL — SRX324501140KS

Item	Length (mm)	45.00	Width (mm)	32.00	Height (mm)	1.70
	Inductance (μH)	14.00	DCR (mΩ)	355	Irms (mA)	1200
	Ferrite Sheet	Flexible		Power (W)		5.00
	Qi Design	-		Winding		Single

RECEIVER COIL — SRX324801130K

Item	Length (mm)	48.00	Width (mm)	32.00	Height (mm)	1.20
	Inductance (μH)	13.00	DCR (mΩ)	200	Irms (mA)	3000
	Ferrite Sheet	Flexible		Power (W)		5.00 - 15.00
	Qi Design	-		Winding		Bi-Filar

RECEIVER COIL — SRX324801120KBA

Item	Length (mm)	48.00	Width (mm)	32.00	Height (mm)	1.50
	Inductance (μH)	12.00	DCR (mΩ)	200	Irms (mA)	3000
	Ferrite Sheet	Flexible		Power (W)		5.00
	Qi Design	-		Winding		Bi-Filar



AEC-Q200 | Please refer to our website for automotive part information

WIRELESS POWER TRANSFER

TRANSMITTER MODULE — WMTS132721524V4A

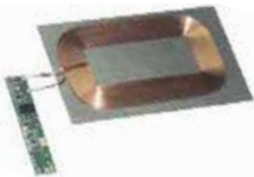
Item	Power (W)	60.0-100	Qi Design	-	Input	24.0
	Output Voltage (V)		5.00-24.0		Length (mm)	70.00
	Output Current (A)		4.20		Width (mm)	70.00
	Operating Frequency (kHz)		50-200		Height (mm)	20.00

TRANSMITTER MODULE — WMTS57621015V

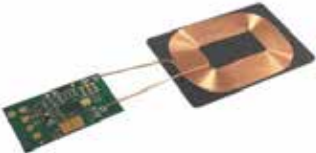
Item	Power (W)	20.0	Qi Design	-	Input	15.0
	Output Voltage (V)		12.0/5.00		Length (mm)	57.33
	Output Current (A)		1.70-2.50		Width (mm)	62.87
	Operating Frequency (kHz)		50.0-500		Height (mm)	10.00

WIRELESS POWER TRANSFER

RECEIVER MODULE — WMRS24040103A

Item			Power (W)	3.50
	Output Voltage (V)	5.00	Length (mm)	24.00
	Output Current (A)	0.525	Width (mm)	4.20
	Operating Frequency (kHz)	110 - 205	Height (mm)	1.75

RECEIVER MODULE — WMRS28160205

Item			Power (W)	5.00
	Output Voltage (V)	5.00	Length (mm)	28.00
	Output Current (A)	1.00	Width (mm)	16.00
	Operating Frequency (kHz)	100 - 205	Height (mm)	2.50

RECEIVER MODULE — WMRS50500512V1R7A

Item			Power (W)	20.00
	Output Voltage (V)	5.00 / 12.50	Length (mm)	50.04
	Output Current (A)	2.50 / 1.70	Width (mm)	50.04
	Operating Frequency (kHz)	50 - 500	Height (mm)	5.00

RECEIVER MODULE — WMRS70701824V5A

Item			Power (W)	100.00
	Output Voltage (V)	12.00 / 24.00	Length (mm)	70.00
	Output Current (A)	5.00 / 2.40	Width (mm)	70.00
	Operating Frequency (kHz)	50 - 200	Height (mm)	20.00

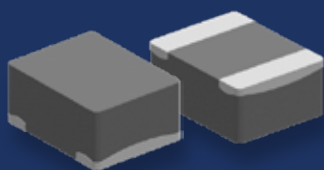
MAGNETIC COMPONENTS

MOLDED CHOKE COIL

PIM SERIES	19
PIA SERIES	22
PIC SERIES	37
PIF SERIES	72
PIVQ SERIES	79

MOLDED CHOKE COIL

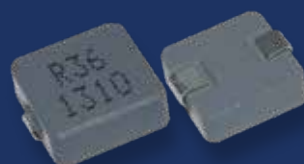
Superworld Electronics Molded Choke Coils offer low height profile design, with ultra-low DCR and switching frequencies ranging up to 5MHz. We offer 180°C high temperature design specifically for automotive application meeting AEC-Q200 standard.



PIM SERIES



PIA SERIES



PIC SERIES



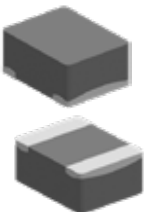
PIF SERIES



PIVQ SERIES

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIM201610A SERIES

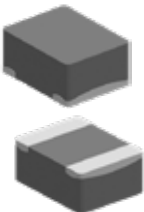
Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	Irms (mA)	Isat (mA)
		(L)	(W)	(H)				
	PIM201610AR24M	2.00	1.60	0.80	0.24	18.0	6500	7700
	PIM201610AR33M	2.00	1.60	0.80	0.33	21.0	5700	7000
	PIM201610AR47M	2.00	1.60	0.80	0.47	28.0	5300	6000
	PIM201610AR68M	2.00	1.60	0.80	0.68	44.0	4000	5000
	PIM201610A1R0M	2.00	1.60	0.80	1.00	49.0	3600	4400
	PIM201610A1R5M	2.00	1.60	0.80	1.50	80.0	2600	3000
	PIM201610A2R2M	2.00	1.60	0.80	2.20	130	2300	2650



AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code: M = ±20%

MOLDED CHOKE COIL — PIM252010A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	Irms (mA)	Isat (mA)
		(L)	(W)	(H)				
	PIM252010AR22M	2.50	2.00	0.80	0.22	12.0	7200	7700
	PIM252010AR33M	2.50	2.00	0.80	0.33	16.0	6600	7200
	PIM252010AR47M	2.50	2.00	0.80	0.47	20.0	5800	6000
	PIM252010AR68M	2.50	2.00	0.80	0.68	25.0	5100	5200
	PIM252010A1R0M	2.50	2.00	0.80	1.00	42.0	4300	4600
	PIM252010A1R5M	2.50	2.00	0.80	1.50	60.0	3300	3500
	PIM252010A2R2M	2.50	2.00	0.80	2.20	85.0	2800	3000
	PIM252010A3R3M	2.50	2.00	0.80	3.30	130	2000	2100

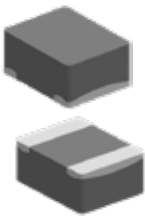


AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIM252012A SERIES

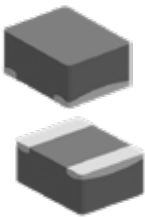
Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIM252012AR24M	2.50	2.00	1.00	0.24	11.0	7300	7800
	PIM252012AR33M	2.50	2.00	1.00	0.33	11.0	7000	7800
	PIM252012AR47M	2.50	2.00	1.00	0.47	15.0	6200	6200
	PIM252012AR68M	2.50	2.00	1.00	0.68	23.0	5300	5500
	PIM252012A1R0M	2.50	2.00	1.00	1.00	33.0	4500	5000
	PIM252012A1R5M	2.50	2.00	1.00	1.50	43.0	3700	4000
	PIM252012A2R2M	2.50	2.00	1.00	2.20	66.0	3100	3400
	PIM252012A3R3M	2.50	2.00	1.00	3.30	115	2400	3000
	PIM252012A4R7M	2.50	2.00	1.00	4.70	170	2000	2800



AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code: M = ±20%

MOLDED CHOKE COIL — PIM322510A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIM322510AR33M	3.20	2.50	0.80	0.33	15.0	7000	8000
	PIM322510AR47M	3.20	2.50	0.80	0.47	18.0	6000	6500
	PIM322510AR68M	3.20	2.50	0.80	0.68	22.0	5500	6000
	PIM322510A1R0M	3.20	2.50	0.80	1.00	30.0	4800	4800
	PIM322510A1R5M	3.20	2.50	0.80	1.50	48.3	3800	4300
	PIM322510A2R2M	3.20	2.50	0.80	2.20	67.0	3100	3600
	PIM322510A3R3M	3.20	2.50	0.80	3.30	100	2500	3100
	PIM322510A4R7M	3.20	2.50	0.80	4.70	143	2000	2200

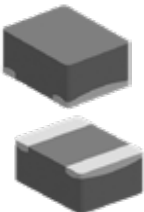


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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PIM322512A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIM322512AR22M	3.20	2.50	1.00	0.22	7.40	9500	9300
	PIM322512AR33M	3.20	2.50	1.00	0.33	10.0	8500	9100
	PIM322512AR47M	3.20	2.50	1.00	0.47	16.0	7000	8200
	PIM322512AR68M	3.20	2.50	1.00	0.68	20.0	6200	7300
	PIM322512A1R0M	3.20	2.50	1.00	1.00	26.0	5500	6500
	PIM322512A1R5M	3.20	2.50	1.00	1.50	44.0	4400	5500
	PIM322512A2R2M	3.20	2.50	1.00	2.20	61.0	4000	4800
	PIM322512A3R3M	3.20	2.50	1.00	3.30	87.0	3100	3400
	PIM322512A4R7M	3.20	2.50	1.00	4.70	122	2200	2800



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0402SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0402SPR10YN	4.45	4.10	1.80	0.10	2.90	16000	26000
	PIA0402SPR22MN	4.45	4.10	1.80	0.22	4.80	14000	15000
	PIA0402SPR47MN	4.45	4.10	1.80	0.47	9.50	10000	9000
	PIA0402SPR68MN	4.45	4.10	1.80	0.68	11.6	9000	7600
	PIA0402SPR82MN	4.45	4.10	1.80	0.82	16.3	8000	6000
	PIA0402SP1R0MN	4.45	4.10	1.80	1.00	19.0	7500	5500
	PIA0402SP1R5MN	4.45	4.10	1.80	1.50	27.0	6700	5200
	PIA0402SP2R2MN	4.45	4.10	1.80	2.20	41.0	5500	4500
	PIA0402SP3R3MN	4.45	4.10	1.80	3.30	65.0	4500	3100
	PIA0402SP4R7MN	4.45	4.10	1.80	4.70	84.0	3800	2800
	PIA0402SP5R6MN	4.45	4.10	1.80	5.60	97.0	3200	2600
	PIA0402SP6R8MN	4.45	4.10	1.80	6.80	131	2900	2400
	PIA0402SP8R2MN	4.45	4.10	1.80	8.20	140	2600	2200
	PIA0402SP100MN	4.45	4.10	1.80	10.0	165	2400	2100



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0502SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0502SPR15YN	5.70	5.20	1.80	0.15	2.80	22000	27000
	PIA0502SPR22MN	5.70	5.20	1.80	0.22	3.80	16000	20000
	PIA0502SPR33MN	5.70	5.20	1.80	0.33	5.20	14000	11000
	PIA0502SPR47MN	5.70	5.20	1.80	0.47	6.10	13000	9000
	PIA0502SPR68MN	5.70	5.20	1.80	0.68	8.00	12000	8000
	PIA0502SP1ROMN	5.70	5.20	1.80	1.00	14.0	8600	7500
	PIA0502SP1R5MN	5.70	5.20	1.80	1.50	22.0	7500	7000
	PIA0502SP2R2MN	5.70	5.20	1.80	2.20	29.0	6500	5800
	PIA0502SP3R3MN	5.70	5.20	1.80	3.30	50.0	6000	5000



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0503S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0503SR20MN	5.70	5.20	2.80	0.20	2.50	18000	24000
	PIA0503SR33MN	5.70	5.20	2.80	0.33	4.50	16000	12000
	PIA0503SR47MN	5.70	5.20	2.80	0.47	5.20	13500	10000
	PIA0503SR68MN	5.70	5.20	2.80	0.68	7.40	12500	9000
	PIA0503SR82MN	5.70	5.20	2.80	0.82	8.00	10000	8800
	PIA0503S1R0MN	5.70	5.20	2.80	1.00	10.5	9000	8500
	PIA0503S1R2MN	5.70	5.20	2.80	1.20	12.0	8500	8000
	PIA0503S1R5MN	5.70	5.20	2.80	1.50	13.6	8000	7500
	PIA0503S2R2MN	5.70	5.20	2.80	2.20	21.6	7000	6500
	PIA0503S3R3MN	5.70	5.20	2.80	3.30	28.0	6300	6000
	PIA0503S4R7MN	5.70	5.20	2.80	4.70	38.0	5500	5300
	PIA0503S5R6MN	5.70	5.20	2.80	5.60	50.0	5000	4600
	PIA0503S6R8MN	5.70	5.20	2.80	6.80	57.0	4300	3500
	PIA0503S100MN	5.70	5.20	2.80	10.0	88.0	3800	2500
	PIA0503S150MN	5.70	5.20	2.80	15.0	140	2900	2200
	PIA0503S220MN	5.70	5.20	2.80	22.0	190	2400	2000



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*Tolerance code: M = $\pm 20\%$

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA053T SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA053TR10YN	4.90	4.70	2.80	0.10	1.80	32000	32000
	PIA053TR12YN	4.90	4.70	2.80	0.12	2.00	30000	30000
	PIA053TR22MN	4.90	4.70	2.80	0.22	2.80	18000	17000
	PIA053TR35MN	4.90	4.70	2.80	0.35	4.60	16500	15000
	PIA053TR47MN	4.90	4.70	2.80	0.47	5.50	16000	11000
	PIA053TR68MN	4.90	4.70	2.80	0.68	7.00	12000	9000
	PIA053T1ROMN	4.90	4.70	2.80	1.00	12.8	8500	8500
	PIA053T1R2MN	4.90	4.70	2.80	1.20	14.0	7200	7600
	PIA053T1R5MN	4.90	4.70	2.80	1.50	16.0	6600	6300
	PIA053T2R2MN	4.90	4.70	2.80	2.20	23.0	6000	5700
	PIA053T3R3MN	4.90	4.70	2.80	3.30	30.0	5500	5000
	PIA053T4R7MN	4.90	4.70	2.80	4.70	43.0	5000	4000



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0602S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0602SR47MN	7.10	6.60	1.80	0.47	5.60	15000	18000
	PIA0602SR68MN	7.10	6.60	1.80	0.68	7.80	13000	14000
	PIA0602S1R0MN	7.10	6.60	1.80	1.00	13.5	11000	12500
	PIA0602S1R5MN	7.10	6.60	1.80	1.50	19.5	9500	11500
	PIA0602S2R2MN	7.10	6.60	1.80	2.20	25.6	8000	10000
	PIA0602S3R3MN	7.10	6.60	1.80	3.30	41.5	6800	7500
	PIA0602S4R7MN	7.10	6.60	1.80	4.70	48.0	5500	6000
	PIA0602S5R6MN	7.10	6.60	1.80	5.60	56.0	5000	5000
	PIA0602S100MN	7.10	6.60	1.80	10.0	118	3400	3400



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0603S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	Irms (mA)	Isat (mA)
		(L)	(W)	(H)				
	PIA0603SR15YN	7.10	6.60	2.80	0.15	1.70	30000	40000
	PIA0603SR22MN	7.10	6.60	2.80	0.22	2.00	23000	34000
	PIA0603SR33MN	7.10	6.60	2.80	0.33	2.80	21000	25000
	PIA0603SR36MN	7.10	6.60	2.80	0.36	3.30	20000	24000
	PIA0603SR47MN	7.10	6.60	2.80	0.47	3.40	18000	20000
	PIA0603SR56MN	7.10	6.60	2.80	0.56	3.90	16500	18000
	PIA0603SR68MN	7.10	6.60	2.80	0.68	4.70	16000	17000
	PIA0603SR82MN	7.10	6.60	2.80	0.82	5.40	14000	16000
	PIA0603S1R0MN	7.10	6.60	2.80	1.00	6.70	12000	15000
	PIA0603S1R2MN	7.10	6.60	2.80	1.20	7.70	10000	14000
	PIA0603S1R5MN	7.10	6.60	2.80	1.50	10.2	10000	14000
	PIA0603S1R8MN	7.10	6.60	2.80	1.80	10.9	9000	12000
	PIA0603S2R2MN	7.10	6.60	2.80	2.20	13.5	8000	10000
	PIA0603S2R7MN	7.10	6.60	2.80	2.70	17.3	7200	9800
	PIA0603S3R3MN	7.10	6.60	2.80	3.30	19.0	6500	9500
	PIA0603S4R7MN	7.10	6.60	2.80	4.70	28.0	5500	6500
	PIA0603S5R6MN	7.10	6.60	2.80	5.60	39.0	5500	6000
	PIA0603S6R8MN	7.10	6.60	2.80	6.80	43.0	4500	6000
	PIA0603S8R2MN	7.10	6.60	2.80	8.20	54.0	4500	6000
	PIA0603S100MN	7.10	6.60	2.80	10.0	62.0	4000	5500
	PIA0603S150MN	7.10	6.60	2.80	15.0	110	3000	4500
	PIA0603S220MN	7.10	6.60	2.80	22.0	150	2500	3000
	PIA0603S330MN	7.10	6.60	2.80	33.0	215	2100	2500



MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0605S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0605SR15MN	7.30	6.60	4.80	0.15	1.30	35000	45000
	PIA0605SR47MN	7.30	6.60	4.80	0.47	2.90	22000	22000
	PIA0605SR56MN	7.30	6.60	4.80	0.56	3.40	21000	21000
	PIA0605SR68MN	7.30	6.60	4.80	0.68	3.60	20000	20000
	PIA0605SR82MN	7.30	6.60	4.80	0.82	5.30	18000	18000
	PIA0605S1R0MN	7.30	6.60	4.80	1.00	5.60	17000	16000
	PIA0605S1R2MN	7.30	6.60	4.80	1.20	6.40	16000	14000
	PIA0605S1R5MN	7.30	6.60	4.80	1.50	6.60	15000	13000
	PIA0605S1R8MN	7.30	6.60	4.80	1.80	7.60	14500	11000
	PIA0605S2R2MN	7.30	6.60	4.80	2.20	10.0	14000	10000
	PIA0605S3R3MN	7.30	6.60	4.80	3.30	14.0	13000	9500
	PIA0605S4R7MN	7.30	6.60	4.80	4.70	20.8	11000	8800
	PIA0605S5R6MN	7.30	6.60	4.80	5.60	28.0	10000	8000
	PIA0605S6R8MN	7.30	6.60	4.80	6.80	30.0	9000	7600
	PIA0605S8R2MN	7.30	6.60	4.80	8.20	38.5	7500	6500
	PIA0605S100MN	7.30	6.60	4.80	10.0	44.0	7000	6000
	PIA0605S120MN	7.30	6.60	4.80	12.0	56.0	5800	5100
	PIA0605S150MN	7.30	6.60	4.80	15.0	73.0	5000	4000
	PIA0605S220MN	7.30	6.60	4.80	22.0	122	4200	3600
	PIA0605S330MN	7.30	6.60	4.80	33.0	142	3000	2300
	PIA0605S470MN	7.30	6.60	4.80	47.0	275	2600	1800



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA0624S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA0624SR10YN	7.10	6.70	2.20	0.10	1.20	30000	70000
	PIA0624SR15MN	7.10	6.70	2.20	0.15	1.50	32000	41000
	PIA0624SR22MN	7.10	6.70	2.20	0.22	2.20	26000	34000
	PIA0624SR33MN	7.10	6.70	2.20	0.33	3.20	24000	27000
	PIA0624SR36MN	7.10	6.70	2.20	0.36	3.40	23000	25000
	PIA0624SR45MN	7.10	6.70	2.20	0.45	4.00	20000	22000
	PIA0624SR47MN	7.10	6.70	2.20	0.47	4.40	19000	22000
	PIA0624SR68MN	7.10	6.70	2.20	0.68	5.20	17000	17000
	PIA0624SR82MN	7.10	6.70	2.20	0.82	7.30	16000	16000
	PIA0624S1R0MN	7.10	6.70	2.20	1.00	10.0	13000	15000
	PIA0624S1R5MN	7.10	6.70	2.20	1.50	13.5	11000	14000
	PIA0624S2R2MN	7.10	6.70	2.20	2.20	18.5	9500	10000
	PIA0624S3R3MN	7.10	6.70	2.20	3.30	31.0	8000	8500
	PIA0624S4R7MN	7.10	6.70	2.20	4.70	38.0	6500	7000
	PIA0624S5R6MN	7.10	6.70	2.20	5.60	47.0	6000	6200
	PIA0624S6R8MN	7.10	6.70	2.20	6.80	58.0	4500	6000
	PIA0624S100MN	7.10	6.70	2.20	10.0	81.0	3700	4600



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA1004S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1004SR15YN	11.00	10.00	3.80	0.15	0.50	44000	82000
	PIA1004SR22MN	11.00	10.00	3.80	0.22	0.72	36000	70000
	PIA1004SR36MN	11.00	10.00	3.80	0.36	1.05	33000	51000
	PIA1004SR42MN	11.00	10.00	3.80	0.42	1.15	32500	50000
	PIA1004SR47MN	11.00	10.00	3.80	0.47	1.30	32000	46000
	PIA1004SR56MN	11.00	10.00	3.80	0.56	1.60	25000	34000
	PIA1004SR68MN	11.00	10.00	3.80	0.68	1.90	23000	31000
	PIA1004S1R0MN	11.00	10.00	3.80	1.00	2.90	20000	29000
	PIA1004S1R5MN	11.00	10.00	3.80	1.50	3.70	17500	26000
	PIA1004S2R2MN	11.00	10.00	3.80	2.20	5.80	15000	20000
	PIA1004S3R3MN	11.00	10.00	3.80	3.30	10.5	11000	17500
	PIA1004S4R7MN	11.00	10.00	3.80	4.70	15.8	8800	15200
	PIA1004S5R6MN	11.00	10.00	3.80	5.60	19.0	8000	14100
	PIA1004S6R8MN	11.00	10.00	3.80	6.80	22.0	7800	12200
	PIA1004S8R2MN	11.00	10.00	3.80	8.20	25.0	7600	9500
	PIA1004S100MN	11.00	10.00	3.80	10.0	27.0	7500	8600
	PIA1004S150MN	11.00	10.00	3.80	15.0	41.0	6250	7000
	PIA1004S220MN	11.00	10.00	3.80	22.0	58.0	5000	6200
	PIA1004S330MN	11.00	10.00	3.80	33.0	84.0	4400	5500
	PIA1004S470MN	11.00	10.00	3.80	47.0	125	3500	4000
	PIA1004S680MN	11.00	10.00	3.80	68.0	184	2600	3200
	PIA1004S820MN	11.00	10.00	3.80	82.0	240	2300	3000
	PIA1004S101MN	11.00	10.00	3.80	100	270	2000	2700



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*Tolerance code : M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA1005S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1005SR36MN	11.00	10.00	4.80	0.36	0.82	34000	52000
	PIA1005SR47MN	11.00	10.00	4.80	0.47	1.15	33000	46000
	PIA1005SR68MN	11.00	10.00	4.80	0.68	1.60	28000	35000
	PIA1005S1R0MN	11.00	10.00	4.80	1.00	2.60	25000	33000
	PIA1005S1R5MN	11.00	10.00	4.80	1.50	3.40	23000	27000
	PIA1005S2R2MN	11.00	10.00	4.80	2.20	5.10	19500	20000
	PIA1005S3R3MN	11.00	10.00	4.80	3.30	8.10	17000	17500
	PIA1005S4R7MN	11.00	10.00	4.80	4.70	9.30	15000	16000
	PIA1005S5R6MN	11.00	10.00	4.80	5.60	12.8	13000	15000
	PIA1005S6R8MN	11.00	10.00	4.80	6.80	15.0	12000	14000
	PIA1005S100MN	11.00	10.00	4.80	10.0	18.9	7600	13000
	PIA1005S101MN	11.00	10.00	4.80	100	242	2200	2800



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA1205SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1205SPR47MN	13.50	12.60	4.70	0.47	0.77	38000	65000
	PIA1205SPR56MN	13.50	12.60	4.70	0.56	1.10	36000	57000
	PIA1205SPR68MN	13.50	12.60	4.70	0.68	1.30	34000	50000
	PIA1205SPR82MN	13.50	12.60	4.70	0.82	1.40	32000	44000
	PIA1205SP1R0MN	13.50	12.60	4.70	1.00	1.60	30000	40000
	PIA1205SP1R2MN	13.50	12.60	4.70	1.20	2.40	27000	34000
	PIA1205SP1R5MN	13.50	12.60	4.70	1.50	3.20	25000	31000
	PIA1205SP1R8MN	13.50	12.60	4.70	1.80	3.70	22000	28000
	PIA1205SP2R2MN	13.50	12.60	4.70	2.20	4.10	17000	26000
	PIA1205SP3R3MN	13.50	12.60	4.70	3.30	6.00	15500	23000
	PIA1205SP4R7MN	13.50	12.60	4.70	4.70	8.80	14000	18500
	PIA1205SP5R6MN	13.50	12.60	4.70	5.60	10.0	13000	17500
	PIA1205SP6R8MN	13.50	12.60	4.70	6.80	13.0	12000	16500
	PIA1205SP8R2MN	13.50	12.60	4.70	8.20	15.0	11000	13500
	PIA1205SP100MN	13.50	12.60	4.70	10.0	19.2	10000	13000
	PIA1205SP150MN	13.50	12.60	4.70	15.0	30.0	9400	11000
	PIA1205SP220MN	13.50	12.60	4.70	22.0	42.0	8000	8500
	PIA1205SP330MN	13.50	12.60	4.70	33.0	66.0	6000	7300



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PIA1206SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1206SP8R2MN	13.50	12.60	5.70	8.20	13.5	13500	17000
	PIA1206SP100MN	13.50	12.60	5.70	10.0	15.5	12000	16000
	PIA1206SP150MN	13.50	12.60	5.70	15.0	24.0	10000	10000
	PIA1206SP220MN	13.50	12.60	5.70	22.0	31.2	8000	9000
	PIA1206SP330MN	13.50	12.60	5.70	33.0	56.0	6500	7800
	PIA1206SP470MN	13.50	12.60	5.70	47.0	76.0	5200	6700
	PIA1206SP680MN	13.50	12.60	5.70	68.0	103	4500	5800
	PIA1206SP101MN	13.50	12.60	5.70	100	162	3200	5000
	PIA1206SP151MN	13.50	12.60	5.70	150	270	2600	4100



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PIA1265P SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1265SPR10YN	13.50	12.60	6.20	0.10	0.20	65000	120000
	PIA1265SPR22MN	13.50	12.60	6.20	0.22	0.40	53000	112000
	PIA1265SPR47MN	13.50	12.60	6.20	0.47	0.88	42000	68000
	PIA1265SPR56MN	13.50	12.60	6.20	0.56	1.10	37000	57000
	PIA1265SPR68MN	13.50	12.60	6.20	0.68	1.25	36500	55000
	PIA1265SPR82MN	13.50	12.60	6.20	0.82	1.30	35000	48000
	PIA1265SP1R0MN	13.50	12.60	6.20	1.00	1.50	33000	45000
	PIA1265SP1R2MN	13.50	12.60	6.20	1.20	1.80	31000	38000
	PIA1265SP1R5MN	13.50	12.60	6.20	1.50	2.20	29000	35000
	PIA1265SP1R8MN	13.50	12.60	6.20	1.80	3.20	27000	31000
	PIA1265SP2R2MN	13.50	12.60	6.20	2.20	3.70	25000	28500
	PIA1265SP3R3MN	13.50	12.60	6.20	3.30	5.30	22000	27000
	PIA1265SP4R7MN	13.50	12.60	6.20	4.70	6.80	20000	25000
	PIA1265SP5R6MN	13.50	12.60	6.20	5.60	8.30	18000	23000
	PIA1265SP6R8MN	13.50	12.60	6.20	6.80	9.80	16500	21000
	PIA1265SP8R2MN	13.50	12.60	6.20	8.20	12.0	15000	19000
	PIA1265SP100MN	13.50	12.60	6.20	10.0	13.0	13000	17000
	PIA1265SP220MN	13.50	12.60	6.20	22.0	31.0	10000	10000
	PIA1265SP330MN	13.50	12.60	6.20	33.0	46.0	9000	9000
	PIA1265SP470MN	13.50	12.60	6.20	47.0	58.0	8000	7600
	PIA1265SP680MN	13.50	12.60	6.20	68.0	82.0	5800	6000
	PIA1265SP820MN	13.50	12.60	6.20	82.0	110	5000	5000
	PIA1265SP101MN	13.50	12.60	6.20	100	140	5000	5000



MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA1707SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA1707SPR47MN	17.80	16.90	6.70	0.47	0.70	60000	110000
	PIA1707SPR56MN	17.80	16.90	6.70	0.56	0.81	56000	80000
	PIA1707SP1R0MN	17.80	16.90	6.70	1.00	1.06	46000	50000
	PIA1707SP1R5MN	17.80	16.90	6.70	1.50	1.50	39000	46000
	PIA1707SP1R8MN	17.80	16.90	6.70	1.80	1.70	35000	40000
	PIA1707SP2R2MN	17.80	16.90	6.70	2.20	1.80	32000	35000
	PIA1707SP3R3MN	17.80	16.90	6.70	3.30	2.70	30000	32000
	PIA1707SP4R7MN	17.80	16.90	6.70	4.70	3.70	28000	29000
	PIA1707SP6R8MN	17.80	16.90	6.70	6.80	6.00	24000	25000
	PIA1707SP100MN	17.80	16.90	6.70	10.0	9.20	21000	22000
	PIA1707SP150MN	17.80	16.90	6.70	15.0	12.8	16000	16000
	PIA1707SP220MN	17.80	16.90	6.70	22.0	20.5	13500	13500
	PIA1707SP330MN	17.80	16.90	6.70	33.0	32.0	12000	12000
	PIA1707SP470MN	17.80	16.90	6.70	47.0	40.0	9500	9500
	PIA1707SP820MN	17.80	16.90	6.70	82.0	69.0	6500	8000



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIA2313SP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIA2313SP1R5MN	23.50	22.00	12.60	1.50	1.00	62000	52000
	PIA2313SP2R0MN	23.50	22.00	12.60	2.00	1.02	60000	50000
	PIA2313SP2R2MN	23.50	22.00	12.60	2.20	1.05	58000	48000
	PIA2313SP3R0MN	23.50	22.00	12.60	3.00	1.42	51000	44000
	PIA2313SP3R3MN	23.50	22.00	12.60	3.30	1.50	49000	41000
	PIA2313SP4R7MN	23.50	22.00	12.60	4.70	1.90	47000	38000
	PIA2313SP6R8MN	23.50	22.00	12.60	6.80	2.70	40000	36000
	PIA2313SP100MN	23.50	22.00	12.60	10.0	3.80	33000	28000
	PIA2313SP220MN	23.50	22.00	12.60	22.0	9.20	22000	15000
	PIA2313SP230MN	23.50	22.00	12.60	23.0	9.20	22000	15000
	PIA2313SP330MN	23.50	22.00	12.60	33.0	13.5	19000	12000
	PIA2313SP470MN	23.50	22.00	12.60	47.0	17.3	17000	12000
	PIA2313SP680MN	23.50	22.00	12.60	68.0	26.2	14000	12000
	PIA2313SP750MN	23.50	22.00	12.60	75.0	27.5	13000	10500
	PIA2313SP820MN	23.50	22.00	12.60	82.0	31.0	12000	9000
	PIA2313SP101MN	23.50	22.00	12.60	100	36.0	11000	9000



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*Tolerance code: M = $\pm 20\%$

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0302H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0302HR10YF	3.50	3.20	1.80	0.10	6.60	10500	14000
	PIC0302HR22YF	3.50	3.20	1.80	0.22	11.0	9000	11200
	PIC0302HR33MF	3.50	3.20	1.80	0.33	17.0	8000	10000
	PIC0302HR47MF	3.50	3.20	1.80	0.47	19.7	7000	9000
	PIC0302HR68MF	3.50	3.20	1.80	0.68	25.5	5500	7000
	PIC0302HR82MF	3.50	3.20	1.80	0.82	27.0	4800	6000
	PIC0302H1R0MF	3.50	3.20	1.80	1.00	32.0	4000	5000
	PIC0302H1R5MF	3.50	3.20	1.80	1.50	42.0	3800	4000
	PIC0302H2R2MF	3.50	3.20	1.80	2.20	65.0	3500	3700
	PIC0302H3R3MF	3.50	3.20	1.80	3.30	125	3000	3500
	PIC0302H4R7MF	3.50	3.20	1.80	4.70	172	2600	3000
	PIC0302H5R6MF	3.50	3.20	1.80	5.60	205	2200	2600
	PIC0302H6R8MF	3.50	3.20	1.80	6.80	260	1900	2200
	PIC0302H8R2MF	3.50	3.20	1.80	8.20	340	1600	1900
	PIC0302H100MF	3.50	3.20	1.80	10.0	366	1400	1600



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0312H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0312HR47MF	3.50	3.20	1.00	0.47	25.0	5000	7200
	PIC0312HR56MF	3.50	3.20	1.00	0.56	31.0	4500	6600
	PIC0312HR68MF	3.50	3.20	1.00	0.68	34.0	4000	6100
	PIC0312HR82MF	3.50	3.20	1.00	0.82	41.0	3500	5800
	PIC0312H1R0MF	3.50	3.20	1.00	1.00	50.0	3300	5500
	PIC0312H1R5MF	3.50	3.20	1.00	1.50	71.0	3000	4000
	PIC0312H2R2MF	3.50	3.20	1.00	2.20	98.0	2700	3400
	PIC0312H3R3MF	3.50	3.20	1.00	3.30	191	2000	3100
	PIC0312H4R7MF	3.50	3.20	1.00	4.70	266	1600	2800
	PIC0312H5R6MF	3.50	3.20	1.00	5.60	310	1500	2200
	PIC0312H6R8MF	3.50	3.20	1.00	6.80	360	1400	2000
	PIC0312H8R2MF	3.50	3.20	1.00	8.20	420	1200	1700
	PIC0312H100MF	3.50	3.20	1.00	10.0	498	1000	1400



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO315H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0315HR47MF	3.50	3.20	1.30	0.47	23.3	5500	8000
	PIC0315HR68MF	3.50	3.20	1.30	0.68	34.0	4500	6500
	PIC0315H1R0MF	3.50	3.20	1.30	1.00	41.0	3600	5800
	PIC0315H1R5MF	3.50	3.20	1.30	1.50	64.0	3400	4000
	PIC0315H2R2MF	3.50	3.20	1.30	2.20	82.0	3200	3800
	PIC0315H3R3MF	3.50	3.20	1.30	3.30	170	2500	3200
	PIC0315H4R7MF	3.50	3.20	1.30	4.70	220	1900	2800
	PIC0315H5R6MF	3.50	3.20	1.30	5.60	265	1700	2300
	PIC0315H6R8MF	3.50	3.20	1.30	6.80	290	1500	2000
	PIC0315H8R2MF	3.50	3.20	1.30	8.20	390	1300	1800
	PIC0315H100MF	3.50	3.20	1.30	10.0	435	1200	1600



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0318H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0318HR47MF	3.50	3.20	1.60	0.47	21.5	6000	8500
	PIC0318HR56MF	3.50	3.20	1.60	0.56	21.0	5000	8000
	PIC0318HR68MF	3.50	3.20	1.60	0.68	29.0	5000	6500
	PIC0318H1R0MF	3.50	3.20	1.60	1.00	38.0	3800	5000
	PIC0318H1R5MF	3.50	3.20	1.60	1.50	56.0	3500	4000
	PIC0318H2R2MF	3.50	3.20	1.60	2.20	73.0	3300	3700
	PIC0318H3R3MF	3.50	3.20	1.60	3.30	136	2700	3300
	PIC0318H4R7MF	3.50	3.20	1.60	4.70	180	2300	2900
	PIC0318H5R6MF	3.50	3.20	1.60	5.60	238	1900	2300
	PIC0318H6R8MF	3.50	3.20	1.60	6.80	275	1500	2100
	PIC0318H8R2MF	3.50	3.20	1.60	8.20	350	1400	1900
	PIC0318H100MF	3.50	3.20	1.60	10.0	375	1300	1600
	PIC0318H150MF	3.50	3.20	1.60	15.0	520	1200	1500



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO402HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO402HPR10YF	4.45	4.06	1.80	0.10	3.20	12000	35000
	PICO402HPR18YF	4.45	4.06	1.80	0.18	4.60	13500	28000
	PICO402HPR22YF	4.45	4.06	1.80	0.22	6.60	13000	24000
	PICO402HPR33MF	4.45	4.06	1.80	0.33	7.80	10000	18000
	PICO402HPR36MF	4.45	4.06	1.80	0.36	8.70	9000	15000
	PICO402HPR47MF	4.45	4.06	1.80	0.47	11.2	8000	12000
	PICO402HPR56MF	4.45	4.06	1.80	0.56	13.5	7300	10000
	PICO402HPR68MF	4.45	4.06	1.80	0.68	16.0	7000	10000
	PICO402HP1R0MF	4.45	4.06	1.80	1.00	22.0	5000	8500
	PICO402HP1R2MF	4.45	4.06	1.80	1.20	25.0	4800	7800
	PICO402HP1R5MF	4.45	4.06	1.80	1.50	34.8	4500	7000
	PICO402HP2R2MF	4.45	4.06	1.80	2.20	51.0	4000	6000
	PICO402HP3R3MF	4.45	4.06	1.80	3.30	69.0	3500	4000
	PICO402HP4R7MF	4.45	4.06	1.80	4.70	95.0	2600	3500
	PICO402HP5R6MF	4.45	4.06	1.80	5.60	112	2200	3000
	PICO402HP6R8MF	4.45	4.06	1.80	6.80	150	2100	2800
	PICO402HP8R2MF	4.45	4.06	1.80	8.20	158	2000	2500
	PICO402HP100MF	4.45	4.06	1.80	10.0	215	1800	2300
	PICO402HP150MF	4.45	4.06	1.80	15.0	325	1500	1900
	PICO402HP220MF	4.45	4.06	1.80	22.0	470	1200	1400



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*Tolerance code: M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO412HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO412HPR10YF	4.45	4.06	1.00	0.10	4.30	11500	25000
	PICO412HPR22MF	4.45	4.06	1.00	0.22	6.60	8500	20000
	PICO412HPR33MF	4.45	4.06	1.00	0.33	13.6	7000	11000
	PICO412HPR36MF	4.45	4.06	1.00	0.36	15.5	6500	8500
	PICO412HPR47MF	4.45	4.06	1.00	0.47	18.0	6000	6500
	PICO412HPR60MF	4.45	4.06	1.00	0.60	22.5	5300	6000
	PICO412HPR68MF	4.45	4.06	1.00	0.68	32.0	5000	6000
	PICO412HP1R0MF	4.45	4.06	1.00	1.00	41.0	4000	6000
	PICO412HP1R2MF	4.45	4.06	1.00	1.20	48.0	3500	5000
	PICO412HP1R5MF	4.45	4.06	1.00	1.50	55.0	3000	4000
	PICO412HP2R2MF	4.45	4.06	1.00	2.20	69.2	2800	3500
	PICO412HP3R3MF	4.45	4.06	1.00	3.30	84.0	2300	3000
	PICO412HP4R7MF	4.45	4.06	1.00	4.70	128	2000	2500
	PICO412HP5R6MF	4.45	4.06	1.00	5.60	180	1700	2300
	PICO412HP6R8MF	4.45	4.06	1.00	6.80	300	1500	1700
	PICO412HP8R2MF	4.45	4.06	1.00	8.20	313	1400	1600
	PICO412HP100MF	4.45	4.06	1.00	10.0	410	1300	1400
	PICO412HP220MF	4.45	4.06	1.00	22.0	950	800	1000



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PICO502HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO502HPR10YF	5.70	5.20	1.80	0.100	3.60	18000	45000
	PICO502HPR22MF	5.70	5.20	1.80	0.220	4.00	15000	25000
	PICO502HPR33MF	5.70	5.20	1.80	0.330	6.30	12000	21300
	PICO502HPR47MF	5.70	5.20	1.80	0.470	7.30	11500	18000
	PICO502HPR68MF	5.70	5.20	1.80	0.680	11.0	10000	12800
	PICO502HP1R0MF	5.70	5.20	1.80	1.000	17.5	7000	13700
	PICO502HP1R2MF	5.70	5.20	1.80	1.200	23.0	6200	11000
	PICO502HP1R5MF	5.70	5.20	1.80	1.500	26.5	5500	9800
	PICO502HP2R2MF	5.70	5.20	1.80	2.200	42.0	4200	9000
	PICO502HP3R3MF	5.70	5.20	1.80	3.300	66.0	3300	7300
	PICO502HP4R7MF	5.70	5.20	1.80	4.700	103	2800	5000
	PICO502HP5R6MF	5.70	5.20	1.80	5.600	112	2500	4000
	PICO502HP6R8MF	5.70	5.20	1.80	6.800	130	2400	3800
	PICO502HP8R2MF	5.70	5.20	1.80	8.200	148	2300	3500
	PICO502HP100MF	5.70	5.20	1.80	10.000	180	2300	3400
	PICO502HP150MF	5.70	5.20	1.80	15.000	240	1900	2800



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0503H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0503HR15YF	5.70	5.20	2.80	0.15	2.30	18000	30000
	PIC0503HR20YF	5.70	5.20	2.80	0.20	2.60	16000	25000
	PIC0503HR25MF	5.70	5.20	2.80	0.25	3.70	15000	20000
	PIC0503HR33MF	5.70	5.20	2.80	0.33	4.30	14000	18000
	PIC0503HR47MF	5.70	5.20	2.80	0.47	6.40	12000	16000
	PIC0503HR56MF	5.70	5.20	2.80	0.56	8.00	10000	15000
	PIC0503HR68MF	5.70	5.20	2.80	0.68	10.0	8500	14000
	PIC0503HR82MF	5.70	5.20	2.80	0.82	11.5	8000	12500
	PIC0503H1R0MF	5.70	5.20	2.80	1.00	13.0	7000	11000
	PIC0503H1R2MF	5.70	5.20	2.80	1.20	14.0	6500	11000
	PIC0503H1R5MF	5.70	5.20	2.80	1.50	16.0	6000	10000
	PIC0503H2R2MF	5.70	5.20	2.80	2.20	25.0	5500	9000
	PIC0503H3R3MF	5.70	5.20	2.80	3.30	32.0	5000	8000
	PIC0503H4R7MF	5.70	5.20	2.80	4.70	50.0	4600	6000
	PIC0503H5R6MF	5.70	5.20	2.80	5.60	55.0	4250	4500
	PIC0503H6R8MF	5.70	5.20	2.80	6.80	68.0	4000	4300
	PIC0503H100MF	5.70	5.20	2.80	10.0	110	2750	3500
	PIC0503H150MF	5.70	5.20	2.80	15.0	165	2100	2600
	PIC0503H220MF	5.70	5.20	2.80	22.0	220	1900	1700



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*Tolerance code : M = $\pm$ 20%, Y = $\pm$ 30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0503HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0503HPR10YF	5.70	5.20	2.80	0.10	2.50	23000	27000
	PIC0503HPR22MF	5.70	5.20	2.80	0.22	3.70	15500	21000
	PIC0503HPR33MF	5.70	5.20	2.80	0.33	4.50	13700	19000
	PIC0503HPR47MF	5.70	5.20	2.80	0.47	6.70	12200	16000
	PIC0503HPR68MF	5.70	5.20	2.80	0.68	8.20	10200	13500
	PIC0503HPR82MF	5.70	5.20	2.80	0.82	10.2	9300	13000
	PIC0503HP1R0MF	5.70	5.20	2.80	1.00	12.6	8800	12000
	PIC0503HP1R5MF	5.70	5.20	2.80	1.50	18.7	7200	11000
	PIC0503HP2R2MF	5.70	5.20	2.80	2.20	25.0	5800	10000
	PIC0503HP3R3MF	5.70	5.20	2.80	3.30	41.0	5000	8500
	PIC0503HP4R7MF	5.70	5.20	2.80	4.70	71.0	3500	8200
	PIC0503HP5R6MF	5.70	5.20	2.80	5.60	88.5	3000	7000
	PIC0503HP6R8MF	5.70	5.20	2.80	6.80	96.0	2800	6000
	PIC0503HP8R2MF	5.70	5.20	2.80	8.20	99.0	2600	4500
	PIC0503HP100MF	5.70	5.20	2.80	10.0	112	2500	4000
	PIC0503HP150MF	5.70	5.20	2.80	15.0	210	1900	2500



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0512HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0512HPR10YF	5.70	5.20	1.00	0.10	4.30	14000	14500
	PIC0512HPR22YF	5.70	5.20	1.00	0.22	5.50	10700	14000
	PIC0512HPR33MF	5.70	5.20	1.00	0.33	7.80	8500	13500
	PIC0512HPR36MF	5.70	5.20	1.00	0.36	10.0	8000	13000
	PIC0512HPR47MF	5.70	5.20	1.00	0.47	13.6	7000	11000
	PIC0512HPR68MF	5.70	5.20	1.00	0.68	21.5	6000	9000
	PIC0512HP1R0MF	5.70	5.20	1.00	1.00	26.0	5000	6000
	PIC0512HP1R2MF	5.70	5.20	1.00	1.20	33.0	4500	5500
	PIC0512HP1R5MF	5.70	5.20	1.00	1.50	38.0	4000	5000
	PIC0512HP2R2MF	5.70	5.20	1.00	2.20	65.0	3500	4000
	PIC0512HP3R3MF	5.70	5.20	1.00	3.30	75.0	3000	3800
	PIC0512HP4R7MF	5.70	5.20	1.00	4.70	100	2500	3200
	PIC0512HP5R6MF	5.70	5.20	1.00	5.60	175	2400	3200
	PIC0512HP6R8MF	5.70	5.20	1.00	6.80	193	2000	3000
	PIC0512HP8R2MF	5.70	5.20	1.00	8.20	327	1700	2800
	PIC0512HP100MF	5.70	5.20	1.00	10.0	335	1500	1800



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO515HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO515HPR20YF	5.70	5.20	1.30	0.20	3.80	15000	22500
	PICO515HPR33MF	5.70	5.20	1.30	0.33	8.50	9000	16000
	PICO515HPR47MF	5.70	5.20	1.30	0.47	12.0	8000	15000
	PICO515HPR68MF	5.70	5.20	1.30	0.68	14.0	7000	13000
	PICO515HP1R0MF	5.70	5.20	1.30	1.00	22.0	6000	9000
	PICO515HP1R5MF	5.70	5.20	1.30	1.50	39.0	4500	7000
	PICO515HP2R2MF	5.70	5.20	1.30	2.20	45.0	4000	6000
	PICO515HP3R3MF	5.70	5.20	1.30	3.30	78.0	3200	4500
	PICO515HP4R7MF	5.70	5.20	1.30	4.70	103	2700	4000
	PICO515HP5R6MF	5.70	5.20	1.30	5.60	126	2400	3200
	PICO515HP6R8MF	5.70	5.20	1.30	6.80	142	2300	3000
	PICO515HP8R2MF	5.70	5.20	1.30	8.20	175	2100	2600
	PICO515HP100MF	5.70	5.20	1.30	10.0	210	2000	2300
	PICO515HP220MF	5.70	5.20	1.30	22.0	405	1200	1700



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0518HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0518HPR33MF	5.70	5.20	1.60	0.33	7.50	11000	15000
	PIC0518HPR47MF	5.70	5.20	1.60	0.47	9.80	10000	14000
	PIC0518HPR56MF	5.70	5.20	1.60	0.56	11.0	9500	13500
	PIC0518HPR68MF	5.70	5.20	1.60	0.68	12.4	9000	13000
	PIC0518HP1R0MF	5.70	5.20	1.60	1.00	18.2	6800	10000
	PIC0518HP1R5MF	5.70	5.20	1.60	1.50	26.0	6000	9000
	PIC0518HP2R0MF	5.70	5.20	1.60	2.00	35.0	5000	8000
	PIC0518HP2R2MF	5.70	5.20	1.60	2.20	42.0	4500	7500
	PIC0518HP3R3MF	5.70	5.20	1.60	3.30	60.0	3500	5000
	PIC0518HP4R7MF	5.70	5.20	1.60	4.70	85.0	3000	4500
	PIC0518HP5R6MF	5.70	5.20	1.60	5.60	110	2500	4000
	PIC0518HP6R8MF	5.70	5.20	1.60	6.80	118	2400	3500
	PIC0518HP8R2MF	5.70	5.20	1.60	8.20	143	2300	3000
	PIC0518HP100MF	5.70	5.20	1.60	10.0	165	2300	2800
	PIC0518HP150MF	5.70	5.20	1.60	15.0	275	1700	2300



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0602H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0602HR10YF	7.00	6.60	1.80	0.10	2.00	21000	40000
	PIC0602HR16YF	7.00	6.60	1.80	0.16	2.30	18000	38000
	PIC0602HR20YF	7.00	6.60	1.80	0.20	2.50	18000	35000
	PIC0602HR33MF	7.00	6.60	1.80	0.33	4.50	14000	25000
	PIC0602HR47MF	7.00	6.60	1.80	0.47	7.10	11700	20000
	PIC0602HR56MF	7.00	6.60	1.80	0.56	7.90	11000	18000
	PIC0602HR68MF	7.00	6.60	1.80	0.68	8.30	10500	16000
	PIC0602H1R0MF	7.00	6.60	1.80	1.00	16.5	8000	14000
	PIC0602H1R5MF	7.00	6.60	1.80	1.50	23.0	7000	12000
	PIC0602H2R2MF	7.00	6.60	1.80	2.20	32.0	6000	10000
	PIC0602H3R3MF	7.00	6.60	1.80	3.30	43.0	5000	8000
	PIC0602H4R7MF	7.00	6.60	1.80	4.70	53.0	4500	7000
	PIC0602H5R6MF	7.00	6.60	1.80	5.60	59.0	4000	6000
	PIC0602H6R8MF	7.00	6.60	1.80	6.80	63.0	4000	5500
	PIC0602H8R2MF	7.00	6.60	1.80	8.20	101	3200	5000
	PIC0602H100MF	7.00	6.60	1.80	10.0	134	2800	4000
	PIC0602H150MF	7.00	6.60	1.80	15.0	190	2100	3300
	PIC0602H220MF	7.00	6.60	1.80	22.0	236	1500	2500



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PICO603H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO603HR10YF	7.30	6.60	2.80	0.10	1.20	32500	60000
	PICO603HR13YF	7.30	6.60	2.80	0.13	1.30	27600	50000
	PICO603HR15YF	7.30	6.60	2.80	0.15	1.50	27000	45000
	PICO603HR16YF	7.30	6.60	2.80	0.16	1.50	27000	45000
	PICO603HR18YF	7.30	6.60	2.80	0.18	1.70	25000	43000
	PICO603HR19YF	7.30	6.60	2.80	0.19	1.80	24000	41000
	PICO603HR20YF	7.30	6.60	2.80	0.20	1.80	24000	41000
	PICO603HR22YF	7.30	6.60	2.80	0.22	2.10	23000	40000
	PICO603HR25MF	7.30	6.60	2.80	0.25	3.30	21000	39000
	PICO603HR33MF	7.30	6.60	2.80	0.33	3.50	20000	32000
	PICO603HR36MF	7.30	6.60	2.80	0.36	3.60	19000	32000
	PICO603HR40MF	7.30	6.60	2.80	0.40	3.71	18000	27500
	PICO603HR47MF	7.30	6.60	2.80	0.47	4.00	17500	26000
	PICO603HR56MF	7.30	6.60	2.80	0.56	4.70	16500	25500
	PICO603HR60MF	7.30	6.60	2.80	0.60	4.70	16000	25500
	PICO603HR68MF	7.30	6.60	2.80	0.68	4.80	15500	25000
	PICO603HR75MF	7.30	6.60	2.80	0.75	5.50	14500	24500
	PICO603HR82MF	7.30	6.60	2.80	0.82	6.70	13000	24000
	PICO603HR90MF	7.30	6.60	2.80	0.90	8.30	11000	22000
	PICO603H1R0MF	7.30	6.60	2.80	1.00	8.30	11000	22000
	PICO603H1R2MF	7.30	6.60	2.80	1.20	10.0	10000	20000
	PICO603H1R5MF	7.30	6.60	2.80	1.50	13.0	9000	18000



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*Tolerance code : M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO603H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0603H1R8MF	7.30	6.60	2.80	1.80	14.0	8500	16000
	PIC0603H2R0MF	7.30	6.60	2.80	2.00	16.0	8200	15000
	PIC0603H2R2MF	7.30	6.60	2.80	2.20	18.0	8000	14000
	PIC0603H2R5MF	7.30	6.60	2.80	2.50	20.0	7000	13000
	PIC0603H2R7MF	7.30	6.60	2.80	2.70	24.0	7000	13000
	PIC0603H3R3MF	7.30	6.60	2.80	3.30	28.0	6000	13500
	PIC0603H4R7MF	7.30	6.60	2.80	4.70	37.0	5500	10000
	PIC0603H5R6MF	7.30	6.60	2.80	5.60	43.0	5000	9000
	PIC0603H6R8MF	7.30	6.60	2.80	6.80	54.0	4500	8000
	PIC0603H8R2MF	7.30	6.60	2.80	8.20	64.0	4000	7500
	PIC0603H100MF	7.30	6.60	2.80	10.0	75.0	3500	6000
	PIC0603H120MF	7.30	6.60	2.80	12.0	81.0	3300	5500
	PIC0603H150MF	7.30	6.60	2.80	15.0	107	3000	4000
	PIC0603H180MF	7.30	6.60	2.80	18.0	140	2500	4000
	PIC0603H220MF	7.30	6.60	2.80	22.0	165	2000	3500
	PIC0603H330MF	7.30	6.60	2.80	33.0	200	2000	2500
	PIC0603H470MF	7.30	6.60	2.80	47.0	302	1750	2000



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PICO604H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO604HR12YF	7.30	6.60	3.80	0.12	0.70	32000	64000
	PICO604HR15YF	7.30	6.60	3.80	0.15	0.90	30000	55000
	PICO604HR36MF	7.30	6.60	3.80	0.36	2.70	25000	31000
	PICO604HR47MF	7.30	6.60	3.80	0.47	3.00	23000	28000
	PICO604HR56MF	7.30	6.60	3.80	0.56	3.80	20000	26000
	PICO604HR68MF	7.30	6.60	3.80	0.68	4.10	16000	24000
	PICO604H1R0MF	7.30	6.60	3.80	1.00	6.80	14000	22000
	PICO604H1R5MF	7.30	6.60	3.80	1.50	10.0	12000	20000
	PICO604H2R2MF	7.30	6.60	3.80	2.20	11.5	9000	14000
	PICO604H3R3MF	7.30	6.60	3.80	3.30	24.0	8000	12000
	PICO604H4R7MF	7.30	6.60	3.80	4.70	28.0	6000	11000
	PICO604H5R6MF	7.30	6.60	3.80	5.60	33.0	5000	9000
	PICO604H6R8MF	7.30	6.60	3.80	6.80	44.0	4500	8500
	PICO604H8R2MF	7.30	6.60	3.80	8.20	55.0	4500	8000
	PICO604H100MF	7.30	6.60	3.80	10.0	64.0	4000	7000
	PICO604H150MF	7.30	6.60	3.80	15.0	80.0	3000	3500
	PICO604H330MF	7.30	6.60	3.80	33.0	180	1800	3200



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*Tolerance code : M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO605H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0605HR40MF	7.30	6.60	4.80	0.40	3.10	23000	31000
	PIC0605HR47MF	7.30	6.60	4.80	0.47	3.50	22000	30000
	PIC0605HR56MF	7.30	6.60	4.80	0.56	3.60	20000	27000
	PIC0605HR60MF	7.30	6.60	4.80	0.60	3.80	19000	25000
	PIC0605HR68MF	7.30	6.60	4.80	0.68	4.00	18000	24000
	PIC0605HR82MF	7.30	6.60	4.80	0.82	4.960	16500	22000
	PIC0605H1R0MF	7.30	6.60	4.80	1.00	6.10	15000	20000
	PIC0605H1R2MF	7.30	6.60	4.80	1.20	6.70	14000	18000
	PIC0605H1R5MF	7.30	6.60	4.80	1.50	8.60	12000	16500
	PIC0605H2R2MF	7.30	6.60	4.80	2.20	11.2	10000	14000
	PIC0605H3R3MF	7.30	6.60	4.80	3.30	19.0	8000	12000
	PIC0605H4R7MF	7.30	6.60	4.80	4.70	28.0	6500	10000
	PIC0605H5R6MF	7.30	6.60	4.80	5.60	43.5	6000	9000
	PIC0605H6R8MF	7.30	6.60	4.80	6.80	46.0	5500	8500
	PIC0605H8R2MF	7.30	6.60	4.80	8.20	56.0	5000	8000
	PIC0605H100MF	7.30	6.60	4.80	10.0	60.0	4000	7500
	PIC0605H220MF	7.30	6.60	4.80	22.0	140	2500	5500



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*Tolerance code: M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO612H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO612HR10YF	7.00	6.60	1.00	0.10	3.30	16000	30000
	PICO612HR22YF	7.00	6.60	1.00	0.22	6.50	11000	19000
	PICO612HR33MF	7.00	6.60	1.00	0.33	9.00	9500	16000
	PICO612HR47MF	7.00	6.60	1.00	0.47	13.0	8500	12000
	PICO612HR68MF	7.00	6.60	1.00	0.68	17.0	7000	9000
	PICO612H1R0MF	7.00	6.60	1.00	1.00	27.0	6000	7000
	PICO612H1R2MF	7.00	6.60	1.00	1.20	31.0	5000	6800
	PICO612H1R5MF	7.00	6.60	1.00	1.50	35.0	4500	6500
	PICO612H2R2MF	7.00	6.60	1.00	2.20	53.0	4000	5000
	PICO612H3R3MF	7.00	6.60	1.00	3.30	90.0	3200	4000
	PICO612H4R7MF	7.00	6.60	1.00	4.70	130	2500	3800
	PICO612H6R8MF	7.00	6.60	1.00	6.80	172	2100	3000
	PICO612H100MF	7.00	6.60	1.00	10.0	280	1800	2500



AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO615H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO615HR10YF	7.00	6.60	1.30	0.10	2.50	17500	35000
	PICO615HR12YF	7.00	6.60	1.30	0.12	3.00	17000	30000
	PICO615HR15MF	7.00	6.60	1.30	0.15	3.70	16000	25000
	PICO615HR20YF	7.00	6.60	1.30	0.20	3.90	14500	24000
	PICO615HR22YF	7.00	6.60	1.30	0.22	4.30	14000	22000
	PICO615HR33MF	7.00	6.60	1.30	0.33	6.60	11000	18000
	PICO615HR47MF	7.00	6.60	1.30	0.47	9.00	9500	16000
	PICO615HR56MF	7.00	6.60	1.30	0.56	12.5	9000	15500
	PICO615HR68MF	7.00	6.60	1.30	0.68	13.8	7500	15000
	PICO615HR82MF	7.00	6.60	1.30	0.82	20.0	7000	14000
	PICO615H1R0MF	7.00	6.60	1.30	1.00	23.0	6500	12000
	PICO615H1R2MF	7.00	6.60	1.30	1.20	29.0	5600	10500
	PICO615H1R5MF	7.00	6.60	1.30	1.50	37.0	5000	9500
	PICO615H2R2MF	7.00	6.60	1.30	2.20	48.0	4500	6500
	PICO615H3R3MF	7.00	6.60	1.30	3.30	62.0	4200	6000
	PICO615H4R7MF	7.00	6.60	1.30	4.70	96.0	3800	5000
	PICO615H5R6MF	7.00	6.60	1.30	5.60	115	3000	4500
	PICO615H6R8MF	7.00	6.60	1.30	6.80	125	2600	3500
	PICO615H8R2MF	7.00	6.60	1.30	8.20	153	2400	3200
	PICO615H100MF	7.00	6.60	1.30	10.0	180	2300	2800
	PICO615H220MF	7.00	6.60	1.30	22.0	420	1500	2500



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*Tolerance code: M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO618H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO618HR10MF	7.00	6.60	1.60	0.10	2.10	18000	45000
	PICO618HR22MF	7.00	6.60	1.60	0.22	2.50	16000	26000
	PICO618HR33MF	7.00	6.60	1.60	0.33	4.80	14000	22000
	PICO618HR47MF	7.00	6.60	1.60	0.47	6.40	12000	18000
	PICO618HR56MF	7.00	6.60	1.60	0.56	8.50	11000	17500
	PICO618HR68MF	7.00	6.60	1.60	0.68	9.50	10000	17000
	PICO618HR82MF	7.00	6.60	1.60	0.82	11.5	8500	15500
	PICO618H1R0MF	7.00	6.60	1.60	1.00	14.5	7000	14000
	PICO618H1R2MF	7.00	6.60	1.60	1.20	20.0	6500	13500
	PICO618H1R5MF	7.00	6.60	1.60	1.50	21.0	6000	13000
	PICO618H2R2MF	7.00	6.60	1.60	2.20	31.0	6000	11000
	PICO618H3R3MF	7.00	6.60	1.60	3.30	40.0	5000	9000
	PICO618H4R7MF	7.00	6.60	1.60	4.70	68.0	4000	7000
	PICO618H5R6MF	7.00	6.60	1.60	5.60	78.0	3500	6000
	PICO618H6R8MF	7.00	6.60	1.60	6.80	93.0	3000	5500
	PICO618H8R2MF	7.00	6.60	1.60	8.20	123	2600	4500
	PICO618H100MF	7.00	6.60	1.60	10.0	143	2300	3500
	PICO618H150MF	7.00	6.60	1.60	15.0	240	2000	3000



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC0624H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC0624HR10YF	7.00	6.60	2.20	0.10	1.40	30000	70000
	PIC0624HR15YF	7.00	6.60	2.20	0.15	1.80	30000	45000
	PIC0624HR20MF	7.00	6.60	2.20	0.20	1.90	23000	40000
	PIC0624HR22MF	7.00	6.60	2.20	0.22	2.00	21000	34000
	PIC0624HR33MF	7.00	6.60	2.20	0.33	3.60	18000	30000
	PIC0624HR36MF	7.00	6.60	2.20	0.36	3.80	17000	29000
	PIC0624HR47MF	7.00	6.60	2.20	0.47	4.80	15000	26000
	PIC0624HR56MF	7.00	6.60	2.20	0.56	5.50	13000	24000
	PIC0624HR68MF	7.00	6.60	2.20	0.68	6.40	13000	21000
	PIC0624HR82MF	7.00	6.60	2.20	0.82	8.00	11000	17000
	PIC0624H1R0MF	7.00	6.60	2.20	1.00	10.5	11000	16000
	PIC0624H1R5MF	7.00	6.60	2.20	1.50	17.0	9000	15000
	PIC0624H2R2MF	7.00	6.60	2.20	2.20	23.0	7000	14000
	PIC0624H3R3MF	7.00	6.60	2.20	3.30	34.0	6000	10000
	PIC0624H4R7MF	7.00	6.60	2.20	4.70	41.0	5500	9000
	PIC0624H5R6MF	7.00	6.60	2.20	5.60	56.0	5000	8000
	PIC0624H6R8MF	7.00	6.60	2.20	6.80	65.0	4000	7000
	PIC0624H8R2MF	7.00	6.60	2.20	8.20	81.0	3600	6000
	PIC0624H100MF	7.00	6.60	2.20	10.0	92.0	3200	5000
	PIC0624H220MF	7.00	6.60	2.20	22.0	185	1800	3000



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*Tolerance code: M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC8040HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC8040HPR22MF	8.80	8.40	3.80	0.22	1.60	31.0	60.0
	PIC8040HPR33MF	8.80	8.40	3.80	0.33	2.00	30.0	55.0
	PIC8040HPR47MF	8.80	8.40	3.80	0.47	2.60	28.0	40.0
	PIC8040HPR56MF	8.80	8.40	3.80	0.56	2.70	25.0	38.0
	PIC8040HPR68MF	8.80	8.40	3.80	0.68	3.10	23.0	36.0
	PIC8040HPR82MF	8.80	8.40	3.80	0.82	3.70	21.0	32.0
	PIC8040HP1R0MF	8.80	8.40	3.80	1.00	4.50	18.0	29.0
	PIC8040HP1R5MF	8.80	8.40	3.80	1.50	6.60	17.0	27.0
	PIC8040HP2R2MF	8.80	8.40	3.80	2.20	10.8	16.0	25.0
	PIC8040HP3R3MF	8.80	8.40	3.80	3.30	15.0	14.0	22.0
	PIC8040HP4R7MF	8.80	8.40	3.80	4.70	26.8	8.50	19.0
	PIC8040HP5R6MF	8.80	8.40	3.80	5.60	30.0	7.50	17.0
	PIC8040HP6R8MF	8.80	8.40	3.80	6.80	40.0	6.50	16.5
	PIC8040HP8R2MF	8.80	8.40	3.80	8.20	44.0	6.00	16.0
	PIC8040HP100MF	8.80	8.40	3.80	10.0	53.0	5.60	10.0



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PICO803HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PICO803HPR22MF	9.50	8.50	2.80	0.22	1.46	30000	45000
	PICO803HPR33MF	9.50	8.50	2.80	0.33	2.30	25000	37000
	PICO803HPR47MF	9.50	8.50	2.80	0.47	3.00	21500	35000
	PICO803HP1R0MF	9.50	8.50	2.80	1.00	7.00	14000	29000
	PICO803HP1R5MF	9.50	8.50	2.80	1.50	10.2	11500	24000
	PICO803HP2R2MF	9.50	8.50	2.80	2.20	18.0	9000	21000
	PICO803HP3R3MF	9.50	8.50	2.80	3.30	23.0	8000	14000
	PICO803HP4R7MF	9.50	8.50	2.80	4.70	32.0	7000	11000
	PICO803HP6R8MF	9.50	8.50	2.80	6.80	46.0	5500	9000
	PICO803HP8R2MF	9.50	8.50	2.80	8.20	52.0	5000	8500
	PICO803HP100MF	9.50	8.50	2.80	10.0	65.0	4700	8200
	PICO803HP150MF	9.50	8.50	2.80	15.0	88.0	3800	7000



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1003H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1003HR15YF	11.00	10.00	2.80	0.15	0.90	35000	60000
	PIC1003HR22MF	11.00	10.00	2.80	0.22	1.10	30000	55000
	PIC1003HR24MF	11.00	10.00	2.80	0.24	1.20	30000	50000
	PIC1003HR33MF	11.00	10.00	2.80	0.33	1.20	25000	47000
	PIC1003HR36MF	11.00	10.00	2.80	0.36	1.30	23000	40000
	PIC1003HR47MF	11.00	10.00	2.80	0.47	2.10	20000	33000
	PIC1003HR56MF	11.00	10.00	2.80	0.56	2.60	16000	24000
	PIC1003HR82MF	11.00	10.00	2.80	0.82	3.90	15000	22000
	PIC1003H1R0MF	11.00	10.00	2.80	1.00	4.60	15000	20000
	PIC1003H1R5MF	11.00	10.00	2.80	1.50	6.50	13000	20000
	PIC1003H2R2MF	11.00	10.00	2.80	2.20	8.00	12000	16000
	PIC1003H3R3MF	11.00	10.00	2.80	3.30	14.5	9000	14000
	PIC1003H4R7MF	11.00	10.00	2.80	4.70	20.5	7000	13000
	PIC1003H5R6MF	11.00	10.00	2.80	5.60	28.0	7000	12000
	PIC1003H6R8MF	11.00	10.00	2.80	6.80	30.2	6500	9500
	PIC1003H8R2MF	11.00	10.00	2.80	8.20	42.0	6000	8500
	PIC1003H100MF	11.00	10.00	2.80	10.0	50.0	5000	8000
	PIC1003H150MF	11.00	10.00	2.80	15.0	72.0	4000	7000
	PIC1003H220MF	11.00	10.00	2.80	22.0	115	3000	5500
	PIC1003H470MF	11.00	10.00	2.80	47.0	216	2000	4000



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*Tolerance code : M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1004H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1004HR15YF	11.00	10.00	3.80	0.15	0.50	43000	75000
	PIC1004HR19YF	11.00	10.00	3.80	0.19	0.60	36000	70000
	PIC1004HR22MF	11.00	10.00	3.80	0.22	0.80	35000	60000
	PIC1004HR24MF	11.00	10.00	3.80	0.24	0.80	34000	60000
	PIC1004HR27MF	11.00	10.00	3.80	0.27	0.82	33000	60000
	PIC1004HR30MF	11.00	10.00	3.80	0.30	0.94	32000	60000
	PIC1004HR36MF	11.00	10.00	3.80	0.36	1.05	31000	60000
	PIC1004HR39MF	11.00	10.00	3.80	0.39	1.10	30000	60000
	PIC1004HR45MF	11.00	10.00	3.80	0.45	1.30	29000	45000
	PIC1004HR47MF	11.00	10.00	3.80	0.47	1.30	28000	43000
	PIC1004HR56MF	11.00	10.00	3.80	0.56	1.60	25000	40000
	PIC1004HR68MF	11.00	10.00	3.80	0.68	2.40	22000	39000
	PIC1004HR75MF	11.00	10.00	3.80	0.75	2.40	22000	39000
	PIC1004HR88MF	11.00	10.00	3.80	0.88	2.50	20000	38000
	PIC1004H1R0MF	11.00	10.00	3.80	1.00	3.00	18000	36000
	PIC1004H1R2MF	11.00	10.00	3.80	1.20	3.30	17000	33000
	PIC1004H1R5MF	11.00	10.00	3.80	1.50	4.00	16000	33000
	PIC1004H1R8MF	11.00	10.00	3.80	1.80	5.30	14000	30000
	PIC1004H2R2MF	11.00	10.00	3.80	2.20	6.50	12000	27000
	PIC1004H2R5MF	11.00	10.00	3.80	2.50	7.90	11500	23000
	PIC1004H3R0MF	11.00	10.00	3.80	3.00	10.0	11500	21000
	PIC1004H3R3MF	11.00	10.00	3.80	3.30	10.8	11000	20000



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*Tolerance code: M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PIC1004H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1004H3R9MF	11.00	10.00	3.80	3.90	12.6	10500	19000
	PIC1004H4R0MF	11.00	10.00	3.80	4.00	13.0	10200	18000
	PIC1004H4R7MF	11.00	10.00	3.80	4.70	15.0	10000	17000
	PIC1004H5R6MF	11.00	10.00	3.80	5.60	17.0	9000	14000
	PIC1004H6R2MF	11.00	10.00	3.80	6.20	17.2	8700	13700
	PIC1004H6R8MF	11.00	10.00	3.80	6.80	17.5	8500	13500
	PIC1004H7R3MF	11.00	10.00	3.80	7.30	19.0	8300	13000
	PIC1004H8R2MF	11.00	10.00	3.80	8.20	20.0	8000	12500
	PIC1004H100MF	11.00	10.00	3.80	10.0	27.0	7500	12000
	PIC1004H150MF	11.00	10.00	3.80	15.0	40.0	6250	10000
	PIC1004H180MF	11.00	10.00	3.80	18.0	56.0	5500	9000
	PIC1004H220MF	11.00	10.00	3.80	22.0	64.0	5000	7000
	PIC1004H270MF	11.00	10.00	3.80	27.0	86.0	4000	6000
	PIC1004H330MF	11.00	10.00	3.80	33.0	92.0	3500	5000
	PIC1004H470MF	11.00	10.00	3.80	47.0	145	3000	4500
	PIC1004H680MF	11.00	10.00	3.80	68.0	205	2000	3000



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*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1005H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1005HR30MF	11.00	10.00	4.80	0.30	0.57	38000	65000
	PIC1005HR36MF	11.00	10.00	4.80	0.36	0.80	30000	60000
	PIC1005HR47MF	11.00	10.00	4.80	0.47	1.15	28000	50000
	PIC1005HR56MF	11.00	10.00	4.80	0.56	1.30	26500	43000
	PIC1005HR68MF	11.00	10.00	4.80	0.68	1.70	25000	35000
	PIC1005HR90MF	11.00	10.00	4.80	0.90	2.20	25000	32000
	PIC1005H1R0MF	11.00	10.00	4.80	1.00	2.80	22000	30000
	PIC1005H1R2MF	11.00	10.00	4.80	1.20	2.90	20000	28000
	PIC1005H1R3MF	11.00	10.00	4.80	1.30	3.20	20000	28000
	PIC1005H1R5MF	11.00	10.00	4.80	1.50	3.50	19000	27000
	PIC1005H1R8MF	11.00	10.00	4.80	1.80	3.70	17500	25500
	PIC1005H2R2MF	11.00	10.00	4.80	2.20	5.40	16000	24000
	PIC1005H3R3MF	11.00	10.00	4.80	3.30	9.00	14000	22000
	PIC1005H4R7MF	11.00	10.00	4.80	4.70	10.0	13000	19000
	PIC1005H5R0MF	11.00	10.00	4.80	5.00	12.2	12000	18000
	PIC1005H5R6MF	11.00	10.00	4.80	5.60	14.0	10000	16000
	PIC1005H8R2MF	11.00	10.00	4.80	8.20	18.5	9000	14500
	PIC1005H100MF	11.00	10.00	4.80	10.0	25.0	8000	13500



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1005H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1005H120MF	11.00	10.00	4.80	12.0	30.0	6000	10000
	PIC1005H150MF	11.00	10.00	4.80	15.0	37.0	5500	9500
	PIC1005H220MF	11.00	10.00	4.80	22.0	50.0	5000	9000
	PIC1005H330MF	11.00	10.00	4.80	33.0	80.0	4300	7500
	PIC1005H470MF	11.00	10.00	4.80	47.0	125	3800	6500
	PIC1005H680MF	11.00	10.00	4.80	68.0	176	2500	4000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1205HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1205HPR20MF	13.50	12.50	4.80	0.20	0.45	52000	110000
	PIC1205HPR22MF	13.50	12.50	4.80	0.22	0.50	52000	110000
	PIC1205HPR33MF	13.50	12.50	4.80	0.33	0.70	42000	80000
	PIC1205HPR36MF	13.50	12.50	4.80	0.36	0.75	42000	75000
	PIC1205HPR39MF	13.50	12.50	4.80	0.39	0.78	42000	70000
	PIC1205HPR47MF	13.50	12.50	4.80	0.47	0.86	38000	65000
	PIC1205HPR50MF	13.50	12.50	4.80	0.50	0.90	37000	60000
	PIC1205HPR56MF	13.50	12.50	4.80	0.56	1.00	36000	55000
	PIC1205HPR68MF	13.50	12.50	4.80	0.68	1.40	34000	54000
	PIC1205HPR82MF	13.50	12.50	4.80	0.82	1.70	31000	52000
	PIC1205HP1R0MF	13.50	12.50	4.80	1.00	1.85	29000	50000
	PIC1205HP1R2MF	13.50	12.50	4.80	1.20	2.50	28000	49000
	PIC1205HP1R5MF	13.50	12.50	4.80	1.50	2.80	27000	48000
	PIC1205HP1R8MF	13.50	12.50	4.80	1.80	4.00	21000	40000
	PIC1205HP2R2MF	13.50	12.50	4.80	2.20	4.20	20000	32000
	PIC1205HP3R3MF	13.50	12.50	4.80	3.30	6.80	15000	32000
	PIC1205HP4R7MF	13.50	12.50	4.80	4.70	11.4	12000	27000
	PIC1205HP5R6MF	13.50	12.50	4.80	5.60	12.3	11500	22000
	PIC1205HP6R0MF	13.50	12.50	4.80	6.00	13.0	11500	21500
	PIC1205HP6R8MF	13.50	12.50	4.80	6.80	14.5	11000	21000



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1205HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1205HP8R2MF	13.50	12.50	4.80	8.20	16.8	9500	18000
	PIC1205HP100MF	13.50	12.50	4.80	10.0	21.4	9000	16000
	PIC1205HP150MF	13.50	12.50	4.80	15.0	32.0	8200	13000
	PIC1205HP180MF	13.50	12.50	4.80	18.0	40.0	7500	11000
	PIC1205HP220MF	13.50	12.50	4.80	22.0	50.0	6500	10000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1206HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1206HPR47MF	13.50	12.50	5.70	0.47	0.92	38000	60000
	PIC1206HPR56MF	13.50	12.50	5.70	0.56	1.15	35000	56000
	PIC1206HPR68MF	13.50	12.50	5.70	0.68	1.33	33000	53000
	PIC1206HP1R0MF	13.50	12.50	5.70	1.00	1.80	29000	45000
	PIC1206HP1R2MF	13.50	12.50	5.70	1.20	2.10	28000	44000
	PIC1206HP1R5MF	13.50	12.50	5.70	1.50	2.70	26000	43000
	PIC1206HP2R2MF	13.50	12.50	5.70	2.20	4.00	21000	34000
	PIC1206HP2R7MF	13.50	12.50	5.70	2.70	4.60	19000	31000
	PIC1206HP3R3MF	13.50	12.50	5.70	3.30	5.80	17000	28000
	PIC1206HP4R7MF	13.50	12.50	5.70	4.70	9.50	16000	25000
	PIC1206HP5R6MF	13.50	12.50	5.70	5.60	10.8	15500	22000
	PIC1206HP6R8MF	13.50	12.50	5.70	6.80	12.0	15000	19000
	PIC1206HP8R2MF	13.50	12.50	5.70	8.20	13.6	11000	17000
	PIC1206HP100MF	13.50	12.50	5.70	10.0	18.0	11000	15500
	PIC1206HP120MF	13.50	12.50	5.70	12.0	20.0	9500	13500
	PIC1206HP150MF	13.50	12.50	5.70	15.0	25.0	9000	13000
	PIC1206HP180MF	13.50	12.50	5.70	18.0	30.0	8500	12000
	PIC1206HP220MF	13.50	12.50	5.70	22.0	34.0	8000	11000
	PIC1206HP270MF	13.50	12.50	5.70	27.0	49.0	7000	9000
	PIC1206HP330MF	13.50	12.50	5.70	33.0	65.0	6000	8000



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1206HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1206HP470MF	13.50	12.50	5.70	47.0	80.0	5500	7000
	PIC1206HP560MF	13.50	12.50	5.70	56.0	101	5300	6500
	PIC1206HP680MF	13.50	12.50	5.70	68.0	120	5000	6000
	PIC1206HP820MF	13.50	12.50	5.70	82.0	138	4500	5500
	PIC1206HP101MF	13.50	12.50	5.70	100	180	4000	5000
	PIC1206HP121MF	13.50	12.50	5.70	120	210	3500	4500
	PIC1206HP151MF	13.50	12.50	5.70	150	300	3000	4000



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*Tolerance code : M = ±20%

MOLDED CHOKE COIL — PIC1235HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1235HP1R0MF	13.50	12.50	3.30	1.00	2.70	24000	40000
	PIC1235HP1R2MF	13.50	12.50	3.30	1.20	4.00	21000	37000
	PIC1235HP1R5MF	13.50	12.50	3.30	1.50	4.80	19000	35000
	PIC1235HP1R8MF	13.50	12.50	3.30	1.80	5.20	17000	30000
	PIC1235HP2R2MF	13.50	12.50	3.30	2.20	6.30	16000	29000
	PIC1235HP3R3MF	13.50	12.50	3.30	3.30	11.0	12000	27000
	PIC1235HP4R7MF	13.50	12.50	3.30	4.70	15.3	10000	24000
	PIC1235HP5R6MF	13.50	12.50	3.30	5.60	18.0	9500	19000
	PIC1235HP6R8MF	13.50	12.50	3.30	6.80	20.0	9000	18000
	PIC1235HP8R2MF	13.50	12.50	3.30	8.20	23.0	8500	16000
	PIC1235HP100MF	13.50	12.50	3.30	10.0	29.0	7000	14000

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1265HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1265HPR15MF	13.50	12.50	6.20	0.15	0.49	55000	118000
	PIC1265HPR22MF	13.50	12.50	6.20	0.22	0.47	53000	112000
	PIC1265HPR30MF	13.50	12.50	6.20	0.30	0.60	48000	72000
	PIC1265HPR33MF	13.50	12.50	6.20	0.33	0.65	46000	68000
	PIC1265HPR36MF	13.50	12.50	6.20	0.36	0.70	45000	66000
	PIC1265HPR40MF	13.50	12.50	6.20	0.40	0.70	44000	64000
	PIC1265HPR45MF	13.50	12.50	6.20	0.45	0.90	42000	63000
	PIC1265HPR47MF	13.50	12.50	6.20	0.47	0.90	41000	63000
	PIC1265HPR50MF	13.50	12.50	6.20	0.50	0.92	40000	60000
	PIC1265HPR56MF	13.50	12.50	6.20	0.56	1.05	37000	58000
	PIC1265HPR68MF	13.50	12.50	6.20	0.68	1.25	35000	55000
	PIC1265HPR82MF	13.50	12.50	6.20	0.82	1.50	33000	50000
	PIC1265HP1R0MF	13.50	12.50	6.20	1.00	1.70	30000	48000
	PIC1265HP1R5MF	13.50	12.50	6.20	1.50	2.50	27000	45000
	PIC1265HP1R8MF	13.50	12.50	6.20	1.80	3.60	24000	40000
	PIC1265HP2R2MF	13.50	12.50	6.20	2.20	3.80	22000	37000
	PIC1265HP2R7MF	13.50	12.50	6.20	2.70	4.30	20000	32000
	PIC1265HP3R3MF	13.50	12.50	6.20	3.30	5.70	18000	30000
	PIC1265HP4R7MF	13.50	12.50	6.20	4.70	7.00	13500	28000
	PIC1265HP5R6MF	13.50	12.50	6.20	5.60	8.50	12500	23000
	PIC1265HP6R8MF	13.50	12.50	6.20	6.80	9.50	11500	18000
	PIC1265HP7R0MF	13.50	12.50	6.20	7.00	10.0	11200	17700



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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1265HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1265HP8R2MF	13.50	12.50	6.20	8.20	12.0	10500	16000
	PIC1265HP100MF	13.50	12.50	6.20	10.0	13.2	10000	15500
	PIC1265HP120MF	13.50	12.50	6.20	12.0	16.0	9500	14000
	PIC1265HP130MF	13.50	12.50	6.20	13.0	21.0	9000	13000
	PIC1265HP150MF	13.50	12.50	6.20	15.0	23.2	9000	12500
	PIC1265HP220MF	13.50	12.50	6.20	22.0	32.5	9000	12000
	PIC1265HP330MF	13.50	12.50	6.20	33.0	48.0	8000	11000
	PIC1265HP470MF	13.50	12.50	6.20	47.0	76.0	6500	9500
	PIC1265HP101MF	13.50	12.50	6.20	100	180	2500	3500



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIC1707HP SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIC1707HPR45MF	17.60	16.90	6.70	0.45	0.80	62000	85000
	PIC1707HPR47MF	17.60	16.90	6.70	0.47	0.95	62000	80000
	PIC1707HP1R0MF	17.60	16.90	6.70	1.00	1.60	52000	60000
	PIC1707HP1R3MF	17.60	16.90	6.70	1.30	1.70	49000	54000
	PIC1707HP1R5MF	17.60	16.90	6.70	1.50	2.00	47000	52000
	PIC1707HP1R8MF	17.60	16.90	6.70	1.80	2.10	45000	49000
	PIC1707HP2R2MF	17.60	16.90	6.70	2.20	2.40	43500	47000
	PIC1707HP3R3MF	17.60	16.90	6.70	3.30	3.50	28000	45000
	PIC1707HP4R7MF	17.60	16.90	6.70	4.70	4.80	25000	41000
	PIC1707HP5R6MF	17.60	16.90	6.70	5.60	5.80	21000	40000
	PIC1707HP6R8MF	17.60	16.90	6.70	6.80	8.40	19000	32000
	PIC1707HP7R4MF	17.60	16.90	6.70	7.40	8.80	18500	27000
	PIC1707HP8R2MF	17.60	16.90	6.70	8.20	9.60	18000	25000
	PIC1707HP100MF	17.60	16.90	6.70	10.0	11.8	16500	24000
	PIC1707HP150MF	17.60	16.90	6.70	15.0	17.8	12500	23000
	PIC1707HP220MF	17.60	16.90	6.70	22.0	25.1	12000	18000
	PIC1707HP330MF	17.60	16.90	6.70	33.0	38.0	10700	15000
	PIC1707HP390MF	17.60	16.90	6.70	39.0	40.0	9200	11000
	PIC1707HP470MF	17.60	16.90	6.70	47.0	48.0	8700	9500
	PIC1707HP560MF	17.60	16.90	6.70	56.0	54.0	7800	9000
	PIC1707HP680MF	17.60	16.90	6.70	68.0	68.0	7000	8000
	PIC1707HP820MF	17.60	16.90	6.70	82.0	87.0	5700	7000
	PIC1707HP101MF	17.60	16.90	6.70	100	102	5300	6500

MAGNETIC COMPONENTS

MOLDED CHOKER COIL — PIF0402A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0402AR10MN	4.10	4.10	1.90	0.10	2.20	18000	33000
	PIF0402AR22MN	4.10	4.10	1.90	0.22	4.10	16800	18800
	PIF0402AR36MN	4.10	4.10	1.90	0.36	5.60	14500	15000
	PIF0402AR40MN	4.10	4.10	1.90	0.40	6.90	14000	13500
	PIF0402AR56MN	4.10	4.10	1.90	0.56	8.40	12000	12600
	PIF0402AR60MN	4.10	4.10	1.90	0.60	8.60	11700	12300
	PIF0402AR72MN	4.10	4.10	1.90	0.72	10.4	10500	10600
	PIF0402A1R0MN	4.10	4.10	1.90	1.00	13.3	9600	8800
	PIF0402A1R2MN	4.10	4.10	1.90	1.20	16.2	9000	7800
	PIF0402A1R5MN	4.10	4.10	1.90	1.50	21.0	7600	7400
	PIF0402A1R8MN	4.10	4.10	1.90	1.80	25.0	7000	7000
	PIF0402A2R2MN	4.10	4.10	1.90	2.20	35.2	5600	6000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIF0402LR SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0402LRR47MN	4.10	4.10	1.90	0.47	6.00	13200	12500
	PIF0402LRR68MN	4.10	4.10	1.90	0.68	7.30	12000	10000
	PIF0402LRR82MN	4.10	4.10	1.90	0.82	8.60	11500	9000
	PIF0402LR1R0MN	4.10	4.10	1.90	1.00	10.6	11000	8000
	PIF0402LR1R2MN	4.10	4.10	1.90	1.20	12.2	9500	7500
	PIF0402LR1R5MN	4.10	4.10	1.90	1.50	14.4	9100	6700
	PIF0402LR2R0MN	4.10	4.10	1.90	2.00	21.15	8200	5000
	PIF0402LR2R2MN	4.10	4.10	1.90	2.20	21.35	8000	4800
	PIF0402LR3R3MN	4.10	4.10	1.90	3.30	34.2	5500	4400
	PIF0402LR4R7MN	4.10	4.10	1.90	4.70	52.0	5100	3500

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*Tolerance code: M = ±20%

MOLDED CHOKE COIL — PIF0403A/LR SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0403A2R2MN	4.10	4.10	2.80	2.20	18.9	7200	6200
	PIF0403LRR90MN	4.10	4.10	2.80	0.90	9.10	11200	9000
	PIF0403LR1R0MN	4.10	4.10	2.80	1.00	9.10	11000	9200

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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOK COIL — PIF0404A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0404A1R0MN	4.10	4.10	3.80	1.00	8.70	11500	10000
	PIF0404A1R8MN	4.10	4.10	3.80	1.80	17.5	7300	7500
	PIF0404A2R0MN	4.10	4.10	3.80	2.00	19.0	7000	7000
	PIF0404A2R2MN	4.10	4.10	3.80	2.20	19.0	6800	6800



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*Tolerance code : M = ±20%

MOLDED CHOK COIL — PIF0502A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0502AR15MN	5.50	5.30	1.90	0.15	4.00	18800	27000
	PIF0502AR16MN	5.50	5.30	1.90	0.16	4.00	18800	27000
	PIF0502AR33MN	5.50	5.30	1.90	0.33	6.10	14400	24000
	PIF0502AR47MN	5.50	5.30	1.90	0.47	7.00	14100	20000
	PIF0502AR56MN	5.50	5.30	1.90	0.56	8.70	13900	16000
	PIF0502AR68MN	5.50	5.30	1.90	0.68	8.90	13400	14000
	PIF0502AR80MN	5.50	5.30	1.90	0.80	10.3	13000	13500
	PIF0502AR82MN	5.50	5.30	1.90	0.82	11.0	12000	13000
	PIF0502A1R0MN	5.50	5.30	1.90	1.00	12.0	10500	12800
	PIF0502A1R2MN	5.50	5.30	1.90	1.20	14.2	9400	12200
	PIF0502A1R5MN	5.50	5.30	1.90	1.50	16.2	8800	11700



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIF0503A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0503AR15MN	5.50	5.30	2.90	0.15	2.10	22200	32500
	PIF0503AR16MN	5.50	5.30	2.90	0.16	2.12	22200	32000
	PIF0503AR33MN	5.50	5.30	2.90	0.33	3.21	19200	26000
	PIF0503AR47MN	5.50	5.30	2.90	0.47	3.75	18400	24000
	PIF0503AR56MN	5.50	5.30	2.90	0.56	4.05	17700	20200
	PIF0503AR60MN	5.50	5.30	2.90	0.60	4.11	17700	20000
	PIF0503AR80MN	5.50	5.30	2.90	0.80	5.14	13100	18000
	PIF0503AR82MN	5.50	5.30	2.90	0.82	5.25	12900	17600
	PIF0503A1R0MN	5.50	5.30	2.90	1.00	6.90	12200	14300
	PIF0503A1R2MN	5.50	5.30	2.90	1.20	8.80	11000	13500
	PIF0503A1R5MN	5.50	5.30	2.90	1.50	10.1	10500	12500
	PIF0503A1R8MN	5.50	5.30	2.90	1.80	11.5	10100	11300
	PIF0503A2R2MN	5.50	5.30	2.90	2.20	13.2	9700	9000
	PIF0503A3R3MN	5.50	5.30	2.90	3.30	21.0	8100	8700
	PIF0503A4R7MN	5.50	5.30	2.90	4.70	33.0	5900	7000

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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIF0505LR SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0505LR5R6MN	5.50	5.30	4.80	5.60	22.0	7200	8600
	PIF0505LR6R8MN	5.50	5.30	4.80	6.80	26.0	6400	7800
	PIF0505LR8R2MN	5.50	5.30	4.80	8.20	29.5	6100	7200



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*Tolerance code: M = ±20%

MOLDED CHOKE COIL — PIF0603A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0603AR18MN	6.60	6.40	2.80	0.18	1.60	32000	36000
	PIF0603AR33MN	6.60	6.40	2.80	0.33	2.25	25000	28000
	PIF0603AR56MN	6.60	6.40	2.80	0.56	3.00	22000	25000
	PIF0603A1R0MN	6.60	6.40	2.80	1.00	5.50	18000	18000
	PIF0603A1R2MN	6.60	6.40	2.80	1.20	6.70	16000	16000
	PIF0603A1R8MN	6.60	6.40	2.90	1.80	9.20	14000	13000
	PIF0603A2R2MN	6.60	6.40	2.90	2.20	11.0	10000	11000
	PIF0603A3R3MN	6.60	6.40	2.90	3.30	18.8	8000	9000
	PIF0603A4R5MN	6.60	6.40	2.90	4.50	23.0	7000	8000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIF0605A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0605AR82MN	6.60	6.40	4.80	0.82	3.80	21000	20000
	PIF0605A1R0MN	6.60	6.40	4.80	1.00	4.10	20000	18000
	PIF0605A1R2MN	6.60	6.40	4.80	1.20	5.30	18000	16000
	PIF0605A1R5MN	6.60	6.40	4.80	1.50	5.70	17000	14500
	PIF0605A1R8MN	6.60	6.40	4.80	1.80	6.40	16000	13500
	PIF0605A2R2MN	6.60	6.40	4.80	2.20	7.70	13000	12000
	PIF0605A3R3MN	6.60	6.40	4.80	3.30	11.2	11000	10000
	PIF0605A4R3MN	6.60	6.40	4.80	4.30	15.1	9000	8500
	PIF0605A4R7MN	6.60	6.40	4.80	4.70	16.7	8500	8000
	PIF0605A5R6MN	6.60	6.40	4.80	5.60	20.0	7000	8300

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*Tolerance code : M = ±20%

MOLDED CHOKE COIL — PIF0606LR SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0606LR4R7MN	6.60	6.40	5.80	4.70	13.1	11000	9500
	PIF0606LR5R6MN	6.60	6.40	5.80	5.60	14.3	10000	9000
	PIF0606LR6R8MN	6.60	6.40	5.80	6.80	18.9	9000	8700
	PIF0606LR8R2MN	6.60	6.40	5.80	8.20	22.5	8000	8000
	PIF0606LR100MN	6.60	6.40	5.80	10.0	26.6	7000	6800

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*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIF0702A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0702AR27MN	7.80	7.60	1.85	0.27	2.90	21000	32000
	PIF0702AR31MN	7.80	7.60	1.85	0.31	4.00	20000	31000
	PIF0702AR33MN	7.80	7.60	1.85	0.33	4.00	19000	31000
	PIF0702AR47MN	7.80	7.60	1.85	0.47	5.10	17000	25000
	PIF0702AR68MN	7.80	7.60	1.85	0.68	7.90	13000	23000
	PIF0702A1R0MN	7.80	7.60	1.85	1.00	9.80	11000	20000



AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code: M = ±20%

MOLDED CHOKE COIL — PIF0703A SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIF0703AR60MN	7.80	7.60	2.90	0.60	2.90	23000	32000
	PIF0703A1R0MN	7.80	7.60	2.90	1.00	4.55	21800	28000
	PIF0703A1R5MN	7.80	7.60	2.90	1.50	7.50	15300	23500
	PIF0703A2R2MN	7.80	7.60	2.90	2.20	12.4	13000	17000
	PIF0703A2R7MN	7.80	7.60	2.90	2.70	14.0	11400	13500
	PIF0703A3R3MN	7.80	7.60	2.90	3.30	16.3	10000	13000
	PIF0703A4R7MN	7.80	7.60	2.90	4.70	24.2	9000	12200
	PIF0703A5R6MN	7.80	7.60	2.90	5.60	30.1	7300	11500
	PIF0703A6R8MN	7.80	7.60	2.90	6.80	38.6	6800	11000
	PIF0703A8R2MN	7.80	7.60	2.90	8.20	44.3	5900	9000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIVQ0603S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIVQ0603SR47MN	7.10	6.60	2.80	0.47	3.50	18000	21000
	PIVQ0603SR56MN	7.10	6.60	2.80	0.56	4.20	19000	20000
	PIVQ0603SR68MN	7.10	6.60	2.80	0.68	4.80	17000	19000
	PIVQ0603SR82MN	7.10	6.60	2.80	0.82	5.70	16000	18000
	PIVQ0603S1R0MN	7.10	6.60	2.80	1.00	6.60	15000	16000
	PIVQ0603S1R5MN	7.10	6.60	2.80	1.50	11.2	13000	14000
	PIVQ0603S2R2MN	7.10	6.60	2.80	2.20	13.7	11000	13000
	PIVQ0603S3R3MN	7.10	6.60	2.80	3.30	21.5	9000	9500
	PIVQ0603S4R7MN	7.10	6.60	2.80	4.70	32.0	7000	8500
	PIVQ0603S5R6MN	7.10	6.60	2.80	5.60	36.0	6500	7200
	PIVQ0603S6R8MN	7.10	6.60	2.80	6.80	43.0	6000	6500
	PIVQ0603S100MN	7.10	6.60	2.80	10.0	62.0	5000	5000
	PIVQ0603S150MN	7.10	6.60	2.80	15.0	95.0	4100	3200
	PIVQ0603S220MN	7.10	6.60	2.80	22.0	140	3400	3000



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*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

MOLDED CHOKE COIL — PIVQ1004S SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PIVQ1004S1R0MN	11.00	10.00	3.80	1.00	2.80	24000	26000
	PIVQ1004S1R5MN	11.00	10.00	3.80	1.50	4.20	19000	24000
	PIVQ1004S2R2MN	11.00	10.00	3.80	2.20	6.50	15000	18000
	PIVQ1004S3R3MN	11.00	10.00	3.80	3.30	10.2	12000	16000
	PIVQ1004S4R7MN	11.00	10.00	3.80	4.70	14.3	10000	13000
	PIVQ1004S5R6MN	11.00	10.00	3.80	5.60	15.5	9600	11000
	PIVQ1004S6R8MN	11.00	10.00	3.80	6.80	20.2	9000	10000
	PIVQ1004S100MN	11.00	10.00	3.80	10.0	29.3	7000	8000
	PIVQ1004S150MN	11.00	10.00	3.80	15.0	45.0	6000	6500
	PIVQ1004S220MN	11.00	10.00	3.80	22.0	64.0	5000	5700
	PIVQ1004S330MN	11.00	10.00	3.80	33.0	110	4200	4500
	PIVQ1004S470MN	11.00	10.00	3.80	47.0	145	3400	4000
	PIVQ1004S680MN	11.00	10.00	3.80	68.0	210	3000	2800



AEC-Q200 | Please refer to our website for automotive part information

*Tolerance code: M = ±20%

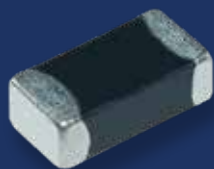
MAGNETIC COMPONENTS

SMD POWER INDUCTOR (SHIELDED)

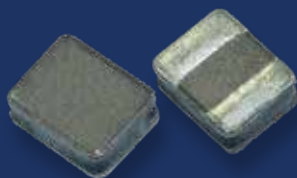
L25 SERIES	83
SPA SERIES	85
SPS SERIES	87
PNS SERIES	96
SDB SERIES	108
SDC SERIES	128
SSC SERIES	142
SMC SERIES	151
STB SERIES	161
STF SERIES	162
SPB SERIES	164

SMD POWER INDUCTOR (SHIELDED)

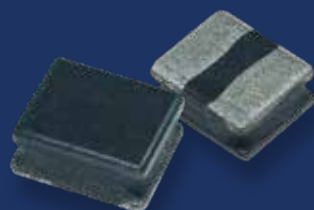
Superworld Electronics offering a range of magnetically shielded design of SMD Power Inductors with different standard size package. These inductors are designed for use in high frequency, power circuits and signal application.



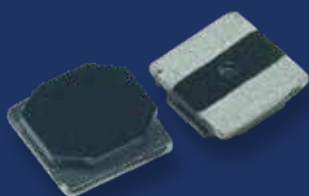
L25 SERIES



SPA SERIES



SPS SERIES



PNS SERIES



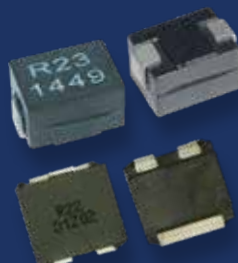
SDB SERIES



SDC SERIES



SSC SERIES



SMC SERIES



STB SERIES



STF SERIES



SPB SERIES

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — L252010FW SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L252010FWR24M	2.50	2.00	1.00	0.24	18.0	5700	6300
	L252010FWR36M	2.50	2.00	1.00	0.36	23.0	4700	4900
	L252010FWR47M	2.50	2.00	1.00	0.47	28.0	4400	4500
	L252010FWR68M	2.50	2.00	1.00	0.68	34.0	4200	4300
	L252010FWR82M	2.50	2.00	1.00	0.82	40.0	3800	4000
	L252010FW1R0M	2.50	2.00	1.00	1.00	52.0	3400	37000
	L252010FW1R5M	2.50	2.00	1.00	1.50	82.0	2600	2900
	L252010FW2R2M	2.50	2.00	1.00	2.20	105	2200	2300
	L252010FW3R3M	2.50	2.00	1.00	3.30	130	2000	2100

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — L252012FW SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L252012FWR24M	2.50	2.00	1.20	0.24	15.0	6200	5500
	L252012FWR36M	2.50	2.00	1.20	0.36	17.0	5400	4700
	L252012FWR47M	2.50	2.00	1.20	0.47	21.0	5000	4400
	L252012FWR56M	2.50	2.00	1.20	0.56	24.0	4800	4100
	L252012FWR68M	2.50	2.00	1.20	0.68	28.0	4500	3900
	L252012FWR82M	2.50	2.00	1.20	0.82	32.0	4100	3600
	L252012FW1R0M	2.50	2.00	1.20	1.00	37.0	3700	3300
	L252012FW1R5M	2.50	2.00	1.20	1.50	60.0	3000	2600
	L252012FW2R2M	2.50	2.00	1.20	2.20	81.0	2500	2200
	L252012FW3R3M	2.50	2.00	1.20	3.30	112	2200	1900
	L252012FW4R7M	2.50	2.00	1.20	4.70	175	1800	1600

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPA201610RA SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPA201610RAR24M	2.00	1.60	0.90	0.24	21.0	5600	7000
	SPA201610RAR33M	2.00	1.60	0.90	0.33	28.0	5100	5500
	SPA201610RAR47M	2.00	1.60	0.90	0.47	41.0	4500	4800
	SPA201610RAR68M	2.00	1.60	0.90	0.68	55.0	3800	400
	SPA201610RA1R0M	2.00	1.60	0.90	1.00	75.0	3100	3600
	SPA201610RA1R5M	2.00	1.60	0.90	1.50	115	2400	3100
	SPA201610RA2R2M	2.00	1.60	0.90	2.20	170	1900	2400
	SPA201610RA3R3M	2.00	1.60	0.90	3.30	190	1500	1600
	SPA201610RA4R7M	2.00	1.60	0.90	4.70	320	1300	1400

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SPA201610FA SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPA201610FAR24M	2.00	1.60	1.00	0.24	15.0	6500	7500
	SPA201610FAR33M	2.00	1.60	1.00	0.33	18.0	5600	5500
	SPA201610FAR47M	2.00	1.60	1.00	0.47	24.0	5300	5200
	SPA201610FAR68M	2.00	1.60	1.00	0.68	36.0	4200	5100
	SPA201610FA1R0M	2.00	1.60	1.00	1.00	50.0	3400	4500
	SPA201610FA1R5M	2.00	1.60	1.00	1.50	68.0	3100	3200
	SPA201610FA2R2M	2.00	1.60	1.00	2.20	100	2300	2700
	SPA201610FA4R7M	2.00	1.60	1.00	4.70	180	1800	1600

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPA252010RA SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPA252010RAR24M	2.50	2.00	0.90	0.24	22.0	5500	7500
	SPA252010RAR33M	2.50	2.00	0.90	0.33	25.0	4800	6000
	SPA252010RAR47M	2.50	2.00	0.90	0.47	35.0	4300	5500
	SPA252010RAR56M	2.50	2.00	0.90	0.56	40.0	4000	4800
	SPA252010RAR68M	2.50	2.00	0.90	0.68	45.0	3800	4400
	SPA252010RA1R0M	2.50	2.00	0.90	1.00	62.0	3300	3600
	SPA252010RA1R2M	2.50	2.00	0.90	1.20	70.0	2900	3200
	SPA252010RA1R5M	2.50	2.00	0.90	1.50	80.0	2700	2900
	SPA252010RA2R2M	2.50	2.00	0.90	2.20	120	2300	2400
	SPA252010RA3R3M	2.50	2.00	0.90	3.30	190	1700	2100
	SPA252010RA4R7M	2.50	2.00	0.90	4.70	245	1400	1700

*Tolerance code: M = ±20%

SMD POWER INDUCTOR — SPA252010FA SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPA252010FAR24M	2.50	2.00	1.00	0.24	18.0	6000	9500
	SPA252010FAR33M	2.50	2.00	1.00	0.33	23.0	5600	8000
	SPA252010FAR47M	2.50	2.00	1.00	0.47	27.0	5300	7000
	SPA252010FAR68M	2.50	2.00	1.00	0.68	32.0	4400	5500
	SPA252010FA1R0M	2.50	2.00	1.00	1.00	44.0	3700	4900
	SPA252010FA1R5M	2.50	2.00	1.00	1.50	62.0	3400	3800
	SPA252010FA2R2M	2.50	2.00	1.00	2.20	78.0	2800	2800
	SPA252010FA4R7M	2.50	2.00	1.00	4.70	180	1800	1700

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPS201609N SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS201609NR33M	2.00	1.60	0.95	0.33	28.0	2400	2400
	SPS201609NR47M	2.00	1.60	0.95	0.47	38.0	2300	2300
	SPS201609NR68M	2.00	1.60	0.95	0.68	55.0	1800	1800
	SPS201609N1R0M	2.00	1.60	0.95	1.00	65.0	1700	1700
	SPS201609N1R5M	2.00	1.60	0.95	1.50	110	1400	1400
	SPS201609N2R2M	2.00	1.60	0.95	2.20	160	1100	1100
	SPS201609N3R3M	2.00	1.60	0.95	3.30	250	1000	1000
	SPS201609N4R7M	2.00	1.60	0.95	4.70	400	9000	9000
	SPS201609N6R8M	2.00	1.60	0.95	6.80	550	7500	7500
	SPS201609N100M	2.00	1.60	0.95	10.0	1000	6000	7000

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SPS201610D SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS201610DR24MF	2.00	1.60	1.00	0.24	45.0	2900	4400
	SPS201610DR47MF	2.00	1.60	1.00	0.47	42.0	2700	3100
	SPS201610DR56MF	2.00	1.60	1.00	0.56	65.0	2400	2800
	SPS201610DR68MF	2.00	1.60	1.00	0.68	65.0	2500	2600
	SPS201610D1R0MF	2.00	1.60	1.00	1.00	108	2000	2500
	SPS201610D2R2MF	2.00	1.60	1.00	2.20	180	1450	1450

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPS201610E SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS201610ER12MF	2.00	1.60	1.00	0.12	26.0	4500	6000
	SPS201610ER22MF	2.00	1.60	1.00	0.22	28.0	3900	4500
	SPS201610ER24MF	2.00	1.60	1.00	0.24	28.0	3900	4500
	SPS201610ER33MF	2.00	1.60	1.00	0.33	40.0	3100	3500
	SPS201610ER47MF	2.00	1.60	1.00	0.47	42.0	3000	3400
	SPS201610ER68MF	2.00	1.60	1.00	0.68	55.0	2500	2800
	SPS201610E1R0MF	2.00	1.60	1.00	1.00	72.0	2200	2500
	SPS201610E1R5MF	2.00	1.60	1.00	1.50	118	1800	1800
	SPS201610E2R2MF	2.00	1.60	1.00	2.20	170	1550	1700
	SPS201610E4R7MF	2.00	1.60	1.00	4.70	384	900	900

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPS201610H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS201610HR47YF	2.00	1.60	1.00	0.47	44.0	2350	2700
	SPS201610HR68YF	2.00	1.60	1.00	0.68	62.0	2050	2000
	SPS201610H1R0YF	2.00	1.60	1.00	1.00	80.0	1600	1800
	SPS201610H1R5YF	2.00	1.60	1.00	1.50	130	1260	1460
	SPS201610H2R2MF	2.00	1.60	1.00	2.20	145	1200	1260
	SPS201610H3R3MF	2.00	1.60	1.00	3.30	245	950	900
	SPS201610H4R7MF	2.00	1.60	1.00	4.70	360	900	770
	SPS201610H6R8MF	2.00	1.60	1.00	6.80	500	550	720
	SPS201610H100MF	2.00	1.60	1.00	10.0	720	450	550
	SPS201610H150MF	2.00	1.60	1.00	15.0	1400	360	450
	SPS201610H180MF	2.00	1.60	1.00	18.0	1800	340	400
	SPS201610H220MF	2.00	1.60	1.00	22.0	2000	270	380

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPS201612D SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS201612DR24MF	2.00	1.60	1.20	0.24	33.0	3500	4800
	SPS201612DR33MF	2.00	1.60	1.20	0.33	34.0	3200	3900
	SPS201612DR47MF	2.00	1.60	1.20	0.47	46.0	2900	3500
	SPS201612DR56MF	2.00	1.60	1.20	0.56	64.0	2600	3000
	SPS201612DR68MF	2.00	1.60	1.20	0.68	66.0	2600	2800
	SPS201612D1R0MF	2.00	1.60	1.20	1.00	104	2300	2500
	SPS201612D1R2MF	2.00	1.60	1.20	1.20	106	2300	2500
	SPS201612D1R5MF	2.00	1.60	1.20	1.50	108	1800	2000
	SPS201612D2R2MF	2.00	1.60	1.20	2.20	186	1300	1600

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPS252010C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252010CR47YF	2.50	2.00	1.00	0.47	30.0	2800	2850
	SPS252010CR68YF	2.50	2.00	1.00	0.68	39.0	2450	2700
	SPS252010C1R0YF	2.50	2.00	1.00	1.00	55.0	2200	2450
	SPS252010C1R5MF	2.50	2.00	1.00	1.50	1500	90.0	1700
	SPS252010C2R2MF	2.50	2.00	1.00	2.20	114	1550	1600
	SPS252010C3R3MF	2.50	2.00	1.00	3.30	170	1250	1300
	SPS252010C4R7MF	2.50	2.00	1.00	4.70	250	1050	1100
	SPS252010C6R8MF	2.50	2.00	1.00	6.80	370	850	950
	SPS252010C100MF	2.50	2.00	1.00	10.0	470	750	750
	SPS252010C150MF	2.50	2.00	1.00	15.0	750	550	550
	SPS252010C220MF	2.50	2.00	1.00	22.0	1120	500	500

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR —SPS252010D SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252010DR24MF	2.50	2.00	1.00	0.24	30.0	3600	4800
	SPS252010DR33MF	2.50	2.00	1.00	0.33	32.0	3500	4300
	SPS252010DR47MF	2.50	2.00	1.00	0.47	34.0	3400	4000
	SPS252010DR56MF	2.50	2.00	1.00	0.56	45.0	3300	3800
	SPS252010DR68MF	2.50	2.00	1.00	0.68	46.0	3300	3700
	SPS252010D1R0MF	2.50	2.00	1.00	1.00	60.0	2600	3400
	SPS252010D1R2MF	2.50	2.00	1.00	1.20	90.0	2300	2900
	SPS252010D1R5MF	2.50	2.00	1.00	1.50	90.0	2300	2700
	SPS252010D2R2MF	2.50	2.00	1.00	2.20	130	1800	2400

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR —SPS252012C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252012CR47YF	2.50	2.00	1.20	0.47	28.0	3700	4000
	SPS252012CR68YF	2.50	2.00	1.20	0.68	36.0	3300	3000
	SPS252012C1R0YF	2.50	2.00	1.20	1.00	49.0	2600	2700
	SPS252012C1R5YF	2.50	2.00	1.20	1.50	63.0	2200	2300
	SPS252012C2R2MF	2.50	2.00	1.20	2.20	80.0	1850	2150
	SPS252012C3R3MF	2.50	2.00	1.20	3.30	120	1450	1700
	SPS252012C4R7MF	2.50	2.00	1.20	4.70	176	1200	1500
	SPS252012C6R8MF	2.50	2.00	1.20	6.80	250	1000	1150
	SPS252012C100MF	2.50	2.00	1.20	10.0	410	750	850
	SPS252012C150MF	2.50	2.00	1.20	15.0	540	600	630
	SPS252012C220MF	2.50	2.00	1.20	22.0	850	500	560

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR —SPS252012D SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252012DR47MF	2.50	2.00	1.20	0.47	29.0	3900	4700
	SPS252012DR68MF	2.50	2.00	1.20	0.68	42.0	3500	4400
	SPS252012D1R0MF	2.50	2.00	1.20	1.00	47.0	3000	3800
	SPS252012D2R2MF	2.50	2.00	1.20	2.20	98.0	2200	2300

*Tolerance code: M = ±20%

SMD POWER INDUCTOR —SPS252012E SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252012ER24MF	2.50	2.00	1.20	0.24	24.0	4700	8000
	SPS252012ER33MF	2.50	2.00	1.20	0.33	27.0	4500	5700
	SPS252012ER47MF	2.50	2.00	1.20	0.47	27.0	4400	5500
	SPS252012ER68MF	2.50	2.00	1.20	0.68	36.0	3600	4500
	SPS252012E1R0MF	2.50	2.00	1.20	1.00	45.0	3500	3900
	SPS252012E1R5MF	2.50	2.00	1.20	1.50	80.0	2500	3000
	SPS252012E2R2MF	2.50	2.00	1.20	2.20	85.0	2300	2700
	SPS252012E3R3MF	2.50	2.00	1.20	3.30	120	1700	2000
	SPS252012E4R7MF	2.50	2.00	1.20	4.70	230	1500	1900

*Tolerance code: M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR —SPS252012H SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPS252012H1R0YF	2.50	2.00	1.20	1.00	73.0	2200	2800
	SPS252012H1R5YF	2.50	2.00	1.20	1.50	100	1860	2200
	SPS252012H2R2MF	2.50	2.00	1.20	2.20	129	1700	1800
	SPS252012H3R3MF	2.50	2.00	1.20	3.30	220	1200	1300
	SPS252012H4R7MF	2.50	2.00	1.20	4.70	290	1040	1100
	SPS252012H6R8MF	2.50	2.00	1.20	6.80	370	940	940
	SPS252012H100MF	2.50	2.00	1.20	10.0	570	840	820
	SPS252012H150MF	2.50	2.00	1.20	15.0	835	500	700
	SPS252012H220MF	2.50	2.00	1.20	22.0	1200	450	600

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

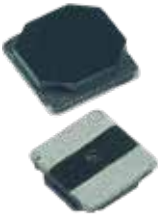
SMD POWER INDUCTOR — PNS3010T SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS3010T1R0YF	3.00	3.00	1.00	1.00	55.0	2100	1800
	PNS3010T1R5YF	3.00	3.00	1.00	1.50	70.0	1900	1500
	PNS3010T2R2MF	3.00	3.00	1.00	2.20	90.0	1700	1300
	PNS3010T3R3MF	3.00	3.00	1.00	3.30	130	1500	1100
	PNS3010T4R7MF	3.00	3.00	1.00	4.70	170	1300	900
	PNS3010T6R8MF	3.00	3.00	1.00	6.80	260	1000	770
	PNS3010T100MF	3.00	3.00	1.00	10.0	350	800	630
	PNS3010T150MF	3.00	3.00	1.00	15.0	510	700	540
	PNS3010T220MF	3.00	3.00	1.00	22.0	750	600	430

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

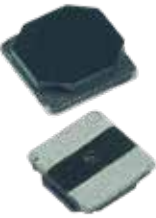
SMD POWER INDUCTOR — PNS3012T SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS3012T1R0YF	3.00	3.00	1.20	1.00	42.0	2200	2500
	PNS3012T1R5YF	3.00	3.00	1.20	1.50	56.0	2000	2000
	PNS3012T2R2MF	3.00	3.00	1.20	2.20	80.0	1900	1800
	PNS3012T3R3MF	3.00	3.00	1.20	3.30	100	1700	1500
	PNS3012T4R7MF	3.00	3.00	1.20	4.70	130	1500	1300
	PNS3012T6R8MF	3.00	3.00	1.20	6.80	180	1200	1200
	PNS3012T100MF	3.00	3.00	1.20	10.0	245	1000	900
	PNS3012T150MF	3.00	3.00	1.20	15.0	386	900	800
	PNS3012T220MF	3.00	3.00	1.20	22.0	580	700	600
	PNS3012T330MF	3.00	3.00	1.20	33.0	1100	450	450
	PNS3012T470MF	3.00	3.00	1.20	47.0	1450	400	400

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS3015 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS30151R0YWFF	3.00	3.00	1.50	1.00	39.0	1800	2500
	PNS30151R2YWFF	3.00	3.00	1.50	1.20	52.0	1780	2100
	PNS30151R5YWFF	3.00	3.00	1.50	1.50	65.0	1750	1820
	PNS30151R8YWFF	3.00	3.00	1.50	1.80	65.0	1500	1800
	PNS30152R2YWFF	3.00	3.00	1.50	2.20	78.0	1300	1780
	PNS30153R3MWF	3.00	3.00	1.50	3.30	104	1170	1350
	PNS30154R7MWF	3.00	3.00	1.50	4.70	162.5	1000	1350
	PNS30155R1MWF	3.00	3.00	1.50	5.10	172.9	780	1300
	PNS30156R8MWF	3.00	3.00	1.50	6.80	260	750	1100
	PNS3015100MWF	3.00	3.00	1.50	10.0	325	590	920
	PNS3015120MWF	3.00	3.00	1.50	12.0	416	580	900
	PNS3015180MWF	3.00	3.00	1.50	18.0	559	460	650
	PNS3015220MWF	3.00	3.00	1.50	22.0	598	440	550
	PNS3015330MWF	3.00	3.00	1.50	33.0	1066	340	520
	PNS3015390MWF	3.00	3.00	1.50	39.0	1293.5	350	450
	PNS3015470MWF	3.00	3.00	1.50	47.0	1625	270	360
	PNS3015560MWF	3.00	3.00	1.50	56.0	1664	270	290
	PNS3015680MWF	3.00	3.00	1.50	68.0	3510	190	230
	PNS3015101MWF	3.00	3.00	1.50	100	4043	150	180

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS4010T SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS4010T1R0YF	4.00	4.00	1.00	1.00	56.0	1900	2000
	PNS4010T2R2MF	4.00	4.00	1.00	2.20	85.0	1500	1200
	PNS4010T3R3MF	4.00	4.00	1.00	3.30	100	1400	1100
	PNS4010T4R7MF	4.00	4.00	1.00	4.70	140	1200	950
	PNS4010T6R8MF	4.00	4.00	1.00	6.80	200	1000	800
	PNS4010T100MF	4.00	4.00	1.00	10.0	300	750	620
	PNS4010T150MF	4.00	4.00	1.00	15.0	430	600	540
	PNS4010T220MF	4.00	4.00	1.00	22.0	570	500	450

*Tolerance code : M = ±20%, Y= ±30%

SMD POWER INDUCTOR — PNS4012T SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS4012T1R0YF	4.00	4.00	1.20	1.00	42.0	2200	2800
	PNS4012T2R2MF	4.00	4.00	1.20	2.20	60.0	1900	1650
	PNS4012T3R3MF	4.00	4.00	1.20	3.30	70.0	1700	1400
	PNS4012T4R7MF	4.00	4.00	1.20	4.70	95.0	1500	1200
	PNS4012T6R8MF	4.00	4.00	1.20	6.80	125	1300	900
	PNS4012T100MF	4.00	4.00	1.20	10.0	180	1100	800
	PNS4012T150MF	4.00	4.00	1.20	15.0	260	750	650
	PNS4012T220MF	4.00	4.00	1.20	22.0	400	620	500

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

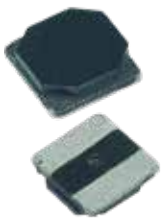
SMD POWER INDUCTOR — PNS4018 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS40181R0YWF	4.00	4.00	1.80	1.00	38.4	2800	4100
	PNS40181R5YWF	4.00	4.00	1.80	1.50	48.0	2600	3300
	PNS40182R2MWF	4.00	4.00	1.80	2.20	72.0	2500	2800
	PNS40183R3MWF	4.00	4.00	1.80	3.30	84.0	2100	2200
	PNS40184R7MWF	4.00	4.00	1.80	4.70	108	1700	2000
	PNS40186R8MWF	4.00	4.00	1.80	6.80	143	1500	1600
	PNS4018100MWF	4.00	4.00	1.80	10.0	228	1200	1400
	PNS4018150MWF	4.00	4.00	1.80	15.0	300	1000	1000
	PNS4018220MWF	4.00	4.00	1.80	22.0	468	850	900
	PNS4018330MWF	4.00	4.00	1.80	33.0	636	700	800
	PNS4018470MWF	4.00	4.00	1.80	47.0	864	560	700
	PNS4018680MWF	4.00	4.00	1.80	68.0	1200	450	560
	PNS4018101MWF	4.00	4.00	1.80	100	1800	340	460
	PNS4018151MWF	4.00	4.00	1.80	150	3000	250	350
	PNS4018221MWF	4.00	4.00	1.80	220	4800	200	280

**Tolerance code : M = ±20%, Y= ±30%*

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS5012 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS5012R47YAF	5.00	5.00	1.20	0.47	53.0	2600	5200
	PNS50121R0YAF	5.00	5.00	1.20	1.00	70.0	2200	3700
	PNS50121R5YAF	5.00	5.00	1.20	1.50	85.0	2000	3000
	PNS50122R2YAF	5.00	5.00	1.20	2.20	85.0	2000	2500
	PNS50123R3YAF	5.00	5.00	1.20	3.30	160	1450	2000
	PNS50124R7MAF	5.00	5.00	1.20	4.70	230	1250	1700
	PNS50126R8MAF	5.00	5.00	1.20	6.80	300	1100	1200
	PNS5012100MAF	5.00	5.00	1.20	10.0	430	900	1100
	PNS5012150MAF	5.00	5.00	1.20	15.0	620	750	900
	PNS5012220MAF	5.00	5.00	1.20	22.0	840	550	650
	PNS5012330MAF	5.00	5.00	1.20	44.0	1460	500	560
	PNS5012470MAF	5.00	5.00	1.20	47.0	1900	400	500

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS5014 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS5014FTR47YXF	5.00	5.00	1.40	0.47	32.0	3000	5000
	PNS5014FT1R0YXF	5.00	5.00	1.40	1.00	45.0	2500	4400
	PNS5014FT1R5YXF	5.00	5.00	1.40	1.50	60.0	2400	3300
	PNS5014FT2R2YXF	5.00	5.00	1.40	2.20	65.0	2200	2800
	PNS5014FT3R3YXF	5.00	5.00	1.40	3.30	94.0	1900	2400
	PNS5014FT3R3MXF	5.00	5.00	1.40	3.30	94.0	1900	2400
	PNS5014FT4R7MXF	5.00	5.00	1.40	4.70	150	1600	1900
	PNS5014FT6R8MXF	5.00	5.00	1.40	6.80	200	1300	1500
	PNS5014FT100MXF	5.00	5.00	1.40	10.0	250	1050	1200
	PNS5014FT220MXF	5.00	5.00	1.40	22.0	640	580	700

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS5020 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS50201R0YYF	5.00	4.90	2.00	1.00	21.0	3600	4000
	PNS50201R5YYF	5.00	4.90	2.00	1.50	26.0	3200	3400
	PNS50202R2YYF	5.00	4.90	2.00	2.20	35.0	2900	2900
	PNS50203R3YYF	5.00	4.90	2.00	3.30	48.0	2400	2400
	PNS50204R7MYF	5.00	4.90	2.00	4.70	75.0	2000	2000
	PNS50206R8MYF	5.00	4.90	2.00	6.80	100	1650	1600
	PNS5020100MYF	5.00	4.90	2.00	10.0	160	1450	1300
	PNS5020150MYF	5.00	4.90	2.00	15.0	250	1200	1100
	PNS5020220MYF	5.00	4.90	2.00	22.0	370	1000	900

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS5040 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS50401R0YZF	5.00	5.00	4.00	1.00	14.0	4900	7350
	PNS50401R5YZF	5.00	5.00	4.00	1.50	20.0	3600	6000
	PNS50402R2YZF	5.00	5.00	4.00	2.20	22.0	3500	4600
	PNS50403R3YZF	5.00	5.00	4.00	3.30	27.0	3300	3800
	PNS50404R7YZF	5.00	5.00	4.00	4.70	29.0	3100	3300
	PNS50406R8MZF	5.00	5.00	4.00	6.80	49.0	2300	2600
	PNS5040100MZF	5.00	5.00	4.00	10.0	56.0	2100	2300
	PNS5040150MZF	5.00	5.00	4.00	15.0	80.0	1800	2000
	PNS5040220MZF	5.00	5.00	4.00	22.0	126	1400	1600
	PNS5040330MZF	5.00	5.00	4.00	33.0	180	1200	1300
	PNS5040470MZF	5.00	5.00	4.00	47.0	310	900	1100
	PNS5040680MZF	5.00	5.00	4.00	68.0	500	800	850
	PNS5040101MZF	5.00	5.00	4.00	100	560	600	660

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

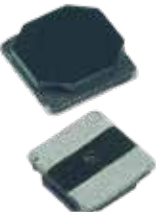
SMD POWER INDUCTOR — PNS6045 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS60451R0YWF	6.00	6.00	4.50	1.00	14.0	4200	8500
	PNS60451R2YWF	6.00	6.00	4.50	1.20	16.0	4000	8000
	PNS60451R3YWF	6.00	6.00	4.50	1.30	16.0	4000	8000
	PNS60451R5YWF	6.00	6.00	4.50	1.50	18.0	3700	7000
	PNS60451R8YWF	6.00	6.00	4.50	1.80	18.0	3700	7000
	PNS60452R0YWF	6.00	6.00	4.50	2.00	21.0	3500	6000
	PNS60452R2YWF	6.00	6.00	4.50	2.20	21.0	3500	6000
	PNS60452R3YWF	6.00	6.00	4.50	2.30	21.0	3500	6000
	PNS60453R0YWF	6.00	6.00	4.50	3.00	24.0	3200	5000
	PNS60453R3YWF	6.00	6.00	4.50	3.30	24.0	3200	5000
	PNS60453R6MWF	6.00	6.00	4.50	3.60	28.0	3100	4400
	PNS60454R5MWF	6.00	6.00	4.50	4.50	31.0	3000	4000
	PNS60454R7MWF	6.00	6.00	4.50	4.70	31.0	3000	4000
	PNS60455R6MWF	6.00	6.00	4.50	5.60	36.0	2900	3900
	PNS60456R3MWF	6.00	6.00	4.50	6.30	38.0	2800	3800
	PNS60456R8MWF	6.00	6.00	4.50	6.80	38.0	2800	3800
	PNS6045100MWF	6.00	6.00	4.50	10.0	47.0	2500	3000
	PNS6045150MWF	6.00	6.00	4.50	15.0	77.0	1900	2300
	PNS6045220MWF	6.00	6.00	4.50	22.0	115	1500	1900
	PNS6045330MWF	6.00	6.00	4.50	33.0	145	1400	1500
	PNS6045470MWF	6.00	6.00	4.50	47.0	220	1100	1300
	PNS6045560MWF	6.00	6.00	4.50	56.0	310	1000	1100

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS6045 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS6045680MWF	6.00	6.00	4.50	68.0	330	900	1000
	PNS6045820MWF	6.00	6.00	4.50	82.0	460	800	900
	PNS6045101MWF	6.00	6.00	4.50	100	500	700	800
	PNS6045121MWF	6.00	6.00	4.50	120	620	700	750
	PNS6045151MWF	6.00	6.00	4.50	150	800	650	700
	PNS6045181MWF	6.00	6.00	4.50	180	930	600	650
	PNS6045221MWF	6.00	6.00	4.50	220	1200	500	600
	PNS6045331MWF	6.00	6.00	4.50	330	1800	400	500
	PNS6045471MWF	6.00	6.00	4.50	470	2000	350	400

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PNS8040 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PNS8040R90YZF	8.00	8.00	4.00	0.90	6.00	7800	11000
	PNS80401R4YZF	8.00	8.00	4.00	1.40	7.00	7000	9000
	PNS80402R0YZF	8.00	8.00	4.00	2.00	9.00	6300	7400
	PNS80403R6YZF	8.00	8.00	4.00	3.60	15.0	4900	5300
	PNS80404R7YZF	8.00	8.00	4.00	4.70	18.0	4100	4700
	PNS80406R8MZF	8.00	8.00	4.00	6.80	25.0	3700	4000
	PNS8040100MZF	8.00	8.00	4.00	10.0	34.0	3100	3400
	PNS8040150MZF	8.00	8.00	4.00	15.0	50.0	2400	2700
	PNS8040220MZF	8.00	8.00	4.00	22.0	66.0	2200	2200
	PNS8040330MZF	8.00	8.00	4.00	33.0	100	1700	1900
	PNS8040470MZF	8.00	8.00	4.00	47.0	150	1400	1500
	PNS8040680MZF	8.00	8.00	4.00	68.0	230	1100	1200
	PNS8040101MZF	8.00	8.00	4.00	100	290	1000	1000

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB0705 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB0705100MZF	7.00	7.80	5.70	10.0	50.0	1600	1600
	SDB0705120MZF	7.00	7.80	5.70	12.0	60.0	1500	1500
	SDB0705150MZF	7.00	7.80	5.70	15.0	70.0	1400	1400
	SDB0705180MZF	7.00	7.80	5.70	18.0	80.0	1300	1300
	SDB0705220MZF	7.00	7.80	5.70	22.0	100	1100	1100
	SDB0705270MZF	7.00	7.80	5.70	27.0	100	1000	1000
	SDB0705330MZF	7.00	7.80	5.70	33.0	150	920	920
	SDB0705390MZF	7.00	7.80	5.70	39.0	150	840	840
	SDB0705470MZF	7.00	7.80	5.70	47.0	200	760	760
	SDB0705560MZF	7.00	7.80	5.70	56.0	250	680	680
	SDB0705680MZF	7.00	7.80	5.70	68.0	300	630	630
	SDB0705820MZF	7.00	7.80	5.70	82.0	300	580	580
	SDB0705101MZF	7.00	7.80	5.70	100	400	500	500
	SDB0705121MZF	7.00	7.80	5.70	120	450	460	460
	SDB0705151MZF	7.00	7.80	5.70	150	550	400	400
	SDB0705181MZF	7.00	7.80	5.70	180	700	380	380
	SDB0705221MZF	7.00	7.80	5.70	220	750	360	360

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB08052R2MZF	8.00	10.50	4.50	2.20	40.0	2500	2500
	SDB08053R9MZF	8.00	10.50	4.50	3.90	55.0	2100	2100
	SDB08055R6MZF	8.00	10.50	4.50	5.60	65.0	1950	1950
	SDB08058R2MZF	8.00	10.50	4.50	8.20	80.0	1750	1750
	SDB0805100MZF	8.00	10.50	4.50	10.0	100	1500	1500
	SDB0805120MZF	8.00	10.50	4.50	12.0	120	1400	1400
	SDB0805150MZF	8.00	10.50	4.50	15.0	140	1300	1300
	SDB0805180LZF	8.00	10.50	4.50	18.0	160	1200	1200
	SDB0805220LZF	8.00	10.50	4.50	22.0	180	1100	1100
	SDB0805270LZF	8.00	10.50	4.50	27.0	200	1000	1000
	SDB0805330LZF	8.00	10.50	4.50	33.0	240	920	920
	SDB0805390LZF	8.00	10.50	4.50	39.0	260	840	840
	SDB0805470LZF	8.00	10.50	4.50	47.0	280	750	750
	SDB0805560KZF	8.00	10.50	4.50	56.0	380	680	680
	SDB0805680KZF	8.00	10.50	4.50	68.0	440	600	600
	SDB0805820KZF	8.00	10.50	4.50	82.0	550	540	540
	SDB0805101KZF	8.00	10.50	4.50	100	600	500	500
	SDB0805121KZF	8.00	10.50	4.50	120	750	450	450
	SDB0805151KZF	8.00	10.50	4.50	150	900	400	400
	SDB0805181KZF	8.00	10.50	4.50	180	1050	350	350
	SDB0805221KZF	8.00	10.50	4.50	220	1180	300	300
	SDB0805271KZF	8.00	10.50	4.50	270	1400	270	270

*Tolerance code : K = ±10% , L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB0805331KZF	8.00	10.50	4.50	330	1800	240	240
	SDB0805391KZF	8.00	10.50	4.50	390	2100	220	220
	SDB0805471KZF	8.00	10.50	4.50	470	2250	200	200
	SDB0805561KZF	8.00	10.50	4.50	560	3000	180	180
	SDB0805681KZF	8.00	10.50	4.50	680	3400	170	170
	SDB0805821KZF	8.00	10.50	4.50	820	4000	160	160
	SDB0805102KZF	8.00	10.50	4.50	1000	5000	150	150

*Tolerance code : K = ±10% , L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB0905 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB0905100MZF	12.50	10.10	5.70	10.0	40.0	2400	2400
	SDB0905120MZF	12.50	10.10	5.70	12.0	50.0	2300	2300
	SDB0905150MZF	12.50	10.10	5.70	15.0	60.0	2100	2100
	SDB0905180MZF	12.50	10.10	5.70	18.0	60.0	1900	1900
	SDB0905220MZF	12.50	10.10	5.70	22.0	70.0	1700	1700
	SDB0905270MZF	12.50	10.10	5.70	27.0	80.0	1600	1600
	SDB0905330MZF	12.50	10.10	5.70	33.0	100	1400	1400
	SDB0905390MZF	12.50	10.10	5.70	39.0	150	1300	1300
	SDB0905470MZF	12.50	10.10	5.70	47.0	150	1200	1200
	SDB0905560MZF	12.50	10.10	5.70	56.0	200	1100	1100
	SDB0905680MZF	12.50	10.10	5.70	68.0	250	970	970
	SDB0905820MZF	12.50	10.10	5.70	82.0	250	880	880
	SDB0905101MZF	12.50	10.10	5.70	100	300	800	800
	SDB0905121MZF	12.50	10.10	5.70	120	350	730	730
	SDB0905151MZF	12.50	10.10	5.70	150	400	650	650
	SDB0905181MZF	12.50	10.10	5.70	180	550	600	600
	SDB0905221MZF	12.50	10.10	5.70	220	600	540	540
	SDB0905271MZF	12.50	10.10	5.70	270	800	490	490
	SDB0905331MZF	12.50	10.10	5.70	330	900	440	440
	SDB0905391MZF	12.50	10.10	5.70	390	1000	410	410
	SDB0905471MZF	12.50	10.10	5.70	470	1300	370	370

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1003 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB10032R2MZ	10.10	12.70	2.70	2.20	45.0	3500	3500
	SDB10033R0MZ	10.10	12.70	2.70	3.00	62.0	3000	3000
	SDB10033R9MZ	10.10	12.70	2.70	3.90	70.0	2800	2800
	SDB10034R7MZ	10.10	12.70	2.70	4.70	78.0	2500	2500
	SDB10036R8MZ	10.10	12.70	2.70	6.80	100	2200	2200
	SDB1003100MZ	10.10	12.70	2.70	10.0	145	2000	2000
	SDB1003120MZ	10.10	12.70	2.70	12.0	185	1750	1750
	SDB1003150MZ	10.10	12.70	2.70	15.0	200	1500	1500
	SDB1003180MZ	10.10	12.70	2.70	18.0	270	1400	1400
	SDB1003220MZ	10.10	12.70	2.70	22.0	300	1300	1300
	SDB1003270MZ	10.10	12.70	2.70	27.0	400	1200	1200
	SDB1003330MZ	10.10	12.70	2.70	33.0	450	1100	1100
	SDB1003390MZ	10.10	12.70	2.70	39.0	560	950	950
	SDB1003470MZ	10.10	12.70	2.70	47.0	650	800	800
	SDB1003560MZ	10.10	12.70	2.70	56.0	680	750	750
	SDB1003680MZ	10.10	12.70	2.70	68.0	800	700	700
	SDB1003820MZ	10.10	12.70	2.70	82.0	1200	650	650
	SDB1003101MZ	10.10	12.70	2.70	100	1400	600	600
	SDB1003121MZ	10.10	12.70	2.70	120	1520	550	550
	SDB1003151MZ	10.10	12.70	2.70	150	1800	500	500
	SDB1003181MZ	10.10	12.70	2.70	180	2200	450	450
	SDB1003221MZ	10.10	12.70	2.70	220	2200	400	400

*Tolerance code : L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1003 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1003271LZF	10.10	12.70	2.70	270	3100	350	350
	SDB1003331LZF	10.10	12.70	2.70	330	3600	300	300
	SDB1003391LZF	10.10	12.70	2.70	390	4600	250	250
	SDB1003471LZF	10.10	12.70	2.70	470	5100	200	200

*Tolerance code : L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB10051R0MZ	10.00	12.70	4.90	1.00	21.0	5000	5000
	SDB10051R5MZ	10.00	12.70	4.90	1.50	22.0	4500	4500
	SDB10052R2MZ	10.00	12.70	4.90	2.20	27.0	3100	3100
	SDB10053R0MZ	10.00	12.70	4.90	3.00	30.0	2900	2900
	SDB10054R7MZ	10.00	12.70	4.90	4.70	40.0	2500	2500
	SDB10056R8MZ	10.00	12.70	4.90	6.80	55.0	2200	2200
	SDB1005100MZ	10.00	12.70	4.90	10.0	65.0	2000	2000
	SDB1005120MZ	10.00	12.70	4.90	12.0	80.0	1800	1800
	SDB1005150MZ	10.00	12.70	4.90	15.0	85.0	1700	1700
	SDB1005180LZ	10.00	12.70	4.90	18.0	90.0	1600	1600
	SDB1005220LZ	10.00	12.70	4.90	22.0	100	1400	1400
	SDB1005270LZ	10.00	12.70	4.90	27.0	120	1300	1300
	SDB1005330LZ	10.00	12.70	4.90	33.0	160	1200	1200
	SDB1005390LZ	10.00	12.70	4.90	39.0	180	1050	1050
	SDB1005470LZ	10.00	12.70	4.90	47.0	190	1000	1000
	SDB1005560LZ	10.00	12.70	4.90	56.0	210	900	900
	SDB1005680LZ	10.00	12.70	4.90	68.0	340	820	820
	SDB1005820LZ	10.00	12.70	4.90	82.0	380	750	750
	SDB1005101KZ	10.00	12.70	4.90	100	420	680	680
	SDB1005121KZ	10.00	12.70	4.90	120	460	600	600
	SDB1005151KZ	10.00	12.70	4.90	150	520	550	550
	SDB1005181KZ	10.00	12.70	4.90	180	700	500	500

*Tolerance code : K = ±10% , L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1005221KZF	10.00	12.70	4.90	220	800	450	450
	SDB1005271KZF	10.00	12.70	4.90	270	1100	400	400
	SDB1005331KZF	10.00	12.70	4.90	330	1200	350	350
	SDB1005391KZF	10.00	12.70	4.90	390	1400	330	330
	SDB1005471KZF	10.00	12.70	4.90	470	1600	300	300
	SDB1005561KZF	10.00	12.70	4.90	560	1800	280	280
	SDB1005681KZF	10.00	12.70	4.90	680	2300	260	260
	SDB1005821KZF	10.00	12.70	4.90	820	2600	240	240
	SDB1005102KZF	10.00	12.70	4.90	1000	3200	220	220
	SDB1005122KZF	10.00	12.70	4.90	1200	3600	200	200
	SDB1005152KZF	10.00	12.70	4.90	1500	5200	170	170
	SDB1005182KZF	10.00	12.70	4.90	1800	5700	160	160
	SDB1005222KZF	10.00	12.70	4.90	2200	6500	140	140
	SDB1005272KZF	10.00	12.70	4.90	2700	8600	120	120
	SDB1005332KZF	10.00	12.70	4.90	3300	10000	100	100

*Tolerance code : K = ±10% , L = ±15% , M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1105 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1105100MZF	15.00	12.70	5.70	10.0	50.0	2500	2500
	SDB1105120MZF	15.00	12.70	5.70	12.0	50.0	2400	2400
	SDB1105150MZF	15.00	12.70	5.70	15.0	60.0	2300	2300
	SDB1105180MZF	15.00	12.70	5.70	18.0	70.0	2200	2200
	SDB1105220MZF	15.00	12.70	5.70	22.0	80.0	2100	2100
	SDB1105270MZF	15.00	12.70	5.70	27.0	100	2000	2000
	SDB1105330MZF	15.00	12.70	5.70	33.0	100	1900	1900
	SDB1105390MZF	15.00	12.70	5.70	39.0	120	1800	1800
	SDB1105470MZF	15.00	12.70	5.70	47.0	140	1600	1600
	SDB1105560MZF	15.00	12.70	5.70	56.0	150	1400	1400
	SDB1105680MZF	15.00	12.70	5.70	68.0	180	1300	1300
	SDB1105820MZF	15.00	12.70	5.70	82.0	200	1200	1200
	SDB1105101MZF	15.00	12.70	5.70	100	250	1100	1100
	SDB1105121MZF	15.00	12.70	5.70	120	300	970	970
	SDB1105151MZF	15.00	12.70	5.70	150	350	860	860
	SDB1105181MZF	15.00	12.70	5.70	180	400	840	840
	SDB1105221MZF	15.00	12.70	5.70	220	500	720	720
	SDB1105271MZF	15.00	12.70	5.70	270	600	650	650
	SDB1105331MZF	15.00	12.70	5.70	330	700	610	610
	SDB1105391MZF	15.00	12.70	5.70	390	800	580	580
	SDB1105471MZF	15.00	12.70	5.70	470	900	500	500

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1105 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1105561MZF	15.00	12.70	5.70	560	1100	480	480
	SDB1105681MZF	15.00	12.70	5.70	680	1200	430	430
	SDB1105821MZF	15.00	12.70	5.70	820	1500	380	380
	SDB1105102MZF	15.00	12.70	5.70	1000	2000	350	350
	SDB1105122MZF	15.00	12.70	5.70	1200	2200	320	320
	SDB1105152MZF	15.00	12.70	5.70	1500	2500	300	300

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1203 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB12031R5YZF	12.50	12.50	3.90	1.50	13.0	7800	7800
	SDB12032R2YZF	12.50	12.50	3.90	2.20	15.0	6800	6800
	SDB12033R9YZF	12.50	12.50	3.90	3.90	26.0	5500	5500
	SDB12035R6YZF	12.50	12.50	3.90	5.60	32.0	4800	4800
	SDB12038R2YZF	12.50	12.50	3.90	8.20	45.0	4100	4100
	SDB1203100MZF	12.50	12.50	3.90	10.0	50.0	3900	3900
	SDB1203120MZF	12.50	12.50	3.90	12.0	60.0	3500	3500
	SDB1203150MZF	12.50	12.50	3.90	15.0	80.0	3000	3000
	SDB1203180MZF	12.50	12.50	3.90	18.0	100	2700	2700
	SDB1203220MZF	12.50	12.50	3.90	22.0	110	2500	2500
	SDB1203270MZF	12.50	12.50	3.90	27.0	130	2200	2200
	SDB1203330MZF	12.50	12.50	3.90	33.0	160	2100	2100
	SDB1203390MZF	12.50	12.50	3.90	39.0	180	2000	2000
	SDB1203470MZF	12.50	12.50	3.90	47.0	220	1800	1800
	SDB1203560MZF	12.50	12.50	3.90	56.0	260	1600	1600
	SDB1203680MZF	12.50	12.50	3.90	68.0	310	1500	1500
	SDB1203820MZF	12.50	12.50	3.90	82.0	360	1400	1400
	SDB1203101MZF	12.50	12.50	3.90	100	400	1300	1300
	SDB1203121MZF	12.50	12.50	3.90	120	530	1100	1100
	SDB1203151MZF	12.50	12.50	3.90	150	610	1000	1000

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1203 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1203181MZF	12.50	12.50	3.90	180	800	900	900
	SDB1203221MZF	12.50	12.50	3.90	220	970	850	850
	SDB1203271MZF	12.50	12.50	3.90	270	1200	750	750
	SDB1203331MZF	12.50	12.50	3.90	330	1350	700	700

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1204 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB12043R3MZF	12.50	12.50	4.60	3.30	15.0	6100	6500
	SDB12044R7MZF	12.50	12.50	4.60	4.70	18.0	5700	5700
	SDB12046R8MZF	12.50	12.50	4.60	6.80	23.0	5000	4900
	SDB1204100MZF	12.50	12.50	4.60	10.0	28.0	4600	4500
	SDB1204120MZF	12.50	12.50	4.60	12.0	38.0	3900	4000
	SDB1204150MZF	12.50	12.50	4.60	15.0	52.0	3300	3200
	SDB1204180MZF	12.50	12.50	4.60	18.0	60.0	3000	3100
	SDB1204220MZF	12.50	12.50	4.60	22.0	70.0	2800	2900
	SDB1204270MZF	12.50	12.50	4.60	27.0	80.0	2600	2800
	SDB1204330MZF	12.50	12.50	4.60	33.0	97.0	2400	2700
	SDB1204390MZF	12.50	12.50	4.60	39.0	132	2300	2100
	SDB1204470MZF	12.50	12.50	4.60	47.0	150	2000	1900
	SDB1204560MZF	12.50	12.50	4.60	56.0	190	1800	1800
	SDB1204680MZF	12.50	12.50	4.60	68.0	220	1700	1500
	SDB1204820MZF	12.50	12.50	4.60	82.0	260	1600	1300
	SDB1204101MZF	12.50	12.50	4.60	100	308	1400	1200
	SDB1204121MZF	12.50	12.50	4.60	120	380	1300	1100
	SDB1204151MZF	12.50	12.50	4.60	150	520	1100	950
	SDB1204181MZF	12.50	12.50	4.60	180	600	950	850
	SDB1204221MZF	12.50	12.50	4.60	220	700	900	800
	SDB1204271MZF	12.50	12.50	4.60	270	860	900	600
	SDB1204331MZF	12.50	12.50	4.60	330	980	800	500

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1205 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB12051R5YZF	12.50	12.50	6.00	1.50	12.0	7500	8000
	SDB12052R2YZF	12.50	12.50	6.00	2.20	14.0	7100	7000
	SDB12053R1YZF	12.50	12.50	6.00	3.10	17.0	6600	6000
	SDB12054R4YZF	12.50	12.50	6.00	4.40	20.0	6300	5000
	SDB12055R2YZF	12.50	12.50	6.00	5.20	21.0	5900	4400
	SDB12057R5YZF	12.50	12.50	6.00	7.50	24.0	5300	4200
	SDB1205100MZF	12.50	12.50	6.00	10.0	25.0	5100	4000
	SDB1205120MZF	12.50	12.50	6.00	12.0	27.0	4800	3500
	SDB1205150MZF	12.50	12.50	6.00	15.0	30.0	4400	3300
	SDB1205180MZF	12.50	12.50	6.00	18.0	34.0	4100	3000
	SDB1205220MZF	12.50	12.50	6.00	22.0	36.0	4000	2800
	SDB1205270MZF	12.50	12.50	6.00	27.0	51.0	3500	2300
	SDB1205330MZF	12.50	12.50	6.00	33.0	57.0	3300	2100
	SDB1205390MZF	12.50	12.50	6.00	39.0	68.0	2900	2000
	SDB1205470MZF	12.50	12.50	6.00	47.0	75.0	2700	1800
	SDB1205560MZF	12.50	12.50	6.00	56.0	110	2400	1700
	SDB1205680MZF	12.50	12.50	6.00	68.0	120	2200	1500
	SDB1205820MZF	12.50	12.50	6.00	82.0	140	2100	1400
	SDB1205101MZF	12.50	12.50	6.00	100	160	2000	1300
	SDB1205121MZF	12.50	12.50	6.00	120	170	1800	1100
	SDB1205151MZF	12.50	12.50	6.00	150	230	1700	1000
	SDB1205181MZF	12.50	12.50	6.00	180	290	1400	900

*Tolerance code : M = ±20%, Y= ±25%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1205 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1205221MZF	12.50	12.50	6.00	220	400	1300	800
	SDB1205271MZF	12.50	12.50	6.00	270	460	1200	750
	SDB1205331MZF	12.50	12.50	6.00	330	510	1100	680
	SDB1205391MZF	12.50	12.50	6.00	390	690	1000	650
	SDB1205471MZF	12.50	12.50	6.00	470	770	900	580
	SDB1205561MZF	12.50	12.50	6.00	560	860	800	540
	SDB1205681MZF	12.50	12.50	6.00	680	1200	800	480
	SDB1205821MZF	12.50	12.50	6.00	820	1340	700	430
	SDB1205102MZF	12.50	12.50	6.00	1000	1530	600	400

**Tolerance code : M = ±20%, Y= ±25%*

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1207(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1207R45MYF	12.50	12.50	8.00	0.45	3.20	14000	30000
	SDB1207R82MYF	12.50	12.50	8.00	0.82	5.00	12000	22000
	SDB12071R5MYF	12.50	12.50	8.00	1.50	5.90	11000	18000
	SDB12072R2MYF	12.50	12.50	8.00	2.20	7.00	10000	15000
	SDB12073R3MYF	12.50	12.50	8.00	3.30	7.90	9000	11000
	SDB12074R7MYF	12.50	12.50	8.00	4.70	9.50	8500	10000
	SDB12075R6MYF	12.50	12.50	8.00	5.60	11.5	8000	9000
	SDB12076R8MYF	12.50	12.50	8.00	6.80	12.5	7500	8000
	SDB12078R2MYF	12.50	12.50	8.00	8.20	19.5	6500	7300
	SDB1207100MYF	12.50	12.50	8.00	10.0	20.1	6000	6800
	SDB1207120MYF	12.50	12.50	8.00	12.0	23.2	5600	6300
	SDB1207150MYF	12.50	12.50	8.00	15.0	31.9	5000	5800
	SDB1207180MYF	12.50	12.50	8.00	18.0	35.6	4600	5000
	SDB1207220MYF	12.50	12.50	8.00	22.0	41.0	4300	4500
	SDB1207270MYF	12.50	12.50	8.00	27.0	52.9	4000	4000
	SDB1207330MYF	12.50	12.50	8.00	33.0	59.4	3500	3700
	SDB1207390MYF	12.50	12.50	8.00	39.0	64.8	3300	3400
	SDB1207470MYF	12.50	12.50	8.00	47.0	90.0	3000	3200
	SDB1207560MYF	12.50	12.50	8.00	56.0	115	2650	3000
	SDB1207680MYF	12.50	12.50	8.00	68.0	134	2350	2700
	SDB1207820MYF	12.50	12.50	8.00	82.0	146	2100	2400
	SDB1207101MYF	12.50	12.50	8.00	100	156	2000	2200

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1207(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1207121MYF	12.50	12.50	8.00	120	221	1900	2000
	SDB1207151MYF	12.50	12.50	8.00	150	246	1700	1800
	SDB1207181MYF	12.50	12.50	8.00	180	324	1500	1600
	SDB1207221MYF	12.50	12.50	8.00	220	367	1400	1500
	SDB1207271MYF	12.50	12.50	8.00	270	425	1300	1300
	SDB1207331MYF	12.50	12.50	8.00	330	560	1100	1200
	SDB1207391MYF	12.50	12.50	8.00	390	761	1000	1100
	SDB1207471MYF	12.50	12.50	8.00	470	855	950	1000
	SDB1207561MYF	12.50	12.50	8.00	560	936	900	950
	SDB1207681MYF	12.50	12.50	8.00	680	1295	800	850
	SDB1207821MYF	12.50	12.50	8.00	820	1404	700	800
	SDB1207102MYF	12.50	12.50	8.00	1000	1620	600	700

**Tolerance code : M = ±20%*

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1207(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB12071R2YZF	12.50	12.50	8.00	1.20	7.00	8900	9800
	SDB12072R7YZF	12.50	12.50	8.00	2.70	11.50	7200	8000
	SDB12073R9YZF	12.50	12.50	8.00	3.90	13.50	6900	7500
	SDB12074R7YZF	12.50	12.50	8.00	4.70	15.80	6600	6800
	SDB12075R6YZF	12.50	12.50	8.00	5.60	17.60	6300	6600
	SDB12077R6YZF	12.50	12.50	8.00	7.60	20.00	6000	5900
	SDB1207100MZF	12.50	12.50	8.00	10.0	21.60	5200	5400
	SDB1207120MZF	12.50	12.50	8.00	12.0	24.30	5200	4900
	SDB1207150MZF	12.50	12.50	8.00	15.0	27.00	4900	4500
	SDB1207180MZF	12.50	12.50	8.00	18.0	39.20	4500	3900
	SDB1207220MZF	12.50	12.50	8.00	22.0	43.20	4200	3600
	SDB1207270MZF	12.50	12.50	8.00	27.0	45.90	4000	3400
	SDB1207330MZF	12.50	12.50	8.00	33.0	64.80	3400	3000
	SDB1207390MZF	12.50	12.50	8.00	39.0	72.90	3200	2750
	SDB1207470MZF	12.50	12.50	8.00	47.0	100.00	2600	2500
	SDB1207560LZF	12.50	12.50	8.00	56.0	110.00	2500	2350
	SDB1207680LZF	12.50	12.50	8.00	68.0	140.00	2300	2100
	SDB1207820LZF	12.50	12.50	8.00	82.0	160.00	2000	1950
	SDB1207101LZF	12.50	12.50	8.00	100	220.00	1900	1700
	SDB1207121LZF	12.50	12.50	8.00	120	250.00	1800	1600
	SDB1207151LZF	12.50	12.50	8.00	150	280.00	1700	1420
	SDB1207181KZF	12.50	12.50	8.00	180	350.00	1400	1300

*Tolerance code : K = ±10%, L = ±15%, M = ±20%, Y = ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1207(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1207221KZF	12.50	12.50	8.00	220	390	1300	1160
	SDB1207271KZF	12.50	12.50	8.00	270	560	1200	1060
	SDB1207331KZF	12.50	12.50	8.00	330	640	1100	950
	SDB1207391KZF	12.50	12.50	8.00	390	700	1100	880
	SDB1207471KZF	12.50	12.50	8.00	470	980	900	790
	SDB1207561KZF	12.50	12.50	8.00	560	1070	900	730
	SDB1207681KZF	12.50	12.50	8.00	680	1460	800	670
	SDB1207821KZF	12.50	12.50	8.00	820	1640	600	600
	SDB1207102KZF	12.50	12.50	8.00	1000	1820	600	550

**Tolerance code : K = ±10%, L = ±15%, M = ±20%, Y = ±30%*

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDB1507 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDB1507100MZF	15.00	18.40	7.00	10.0	30.0	4000	4000
	SDB1507150MZF	15.00	18.40	7.00	15.0	35.0	3600	3600
	SDB1507220MZF	15.00	18.40	7.00	22.0	45.0	3150	3150
	SDB1507330MZF	15.00	18.40	7.00	33.0	60.0	2800	2800
	SDB1507470MZF	15.00	18.40	7.00	47.0	80.0	2450	2450
	SDB1507680MZF	15.00	18.40	7.00	68.0	115	2000	2000
	SDB1507101MZF	15.00	18.40	7.00	100	180	1700	1700
	SDB1507151MZF	15.00	18.40	7.00	150	220	1350	1350
	SDB1507221MZF	15.00	18.40	7.00	220	320	1150	1150
	SDB1507331MZF	15.00	18.40	7.00	330	500	900	900
	SDB1507471MZF	15.00	18.40	7.00	470	750	750	750
	SDB1507681MZF	15.00	18.40	7.00	680	1100	650	650
	SDB1507102MZF	15.00	18.40	7.00	1000	1500	550	550

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0602 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC06022R9NF	6.20	6.60	3.00	2.90	68.0	1940	1940
	SDC06024R0NF	6.20	6.60	3.00	4.00	80.0	1630	1630
	SDC06025R5NF	6.20	6.60	3.00	5.50	96.0	1400	1400
	SDC0602100MF	6.20	6.60	3.00	10.0	150	1100	1100
	SDC0602120MF	6.20	6.60	3.00	12.0	200	1000	1000
	SDC0602150MF	6.20	6.60	3.00	15.0	230	900	900
	SDC0602180MF	6.20	6.60	3.00	18.0	270	800	800
	SDC0602220MF	6.20	6.60	3.00	22.0	340	740	740
	SDC0602270MF	6.20	6.60	3.00	27.0	380	660	660
	SDC0602330MF	6.20	6.60	3.00	33.0	450	590	590
	SDC0602390MF	6.20	6.60	3.00	39.0	490	540	540
	SDC0602470MF	6.20	6.60	3.00	47.0	690	500	500
	SDC0602560MF	6.20	6.60	3.00	56.0	780	460	460
	SDC0602680MF	6.20	6.60	3.00	68.0	1070	420	420
	SDC0602820MF	6.20	6.60	3.00	82.0	1210	380	380
	SDC0602101MF	6.20	6.60	3.00	100	1390	340	340
	SDC0602121MF	6.20	6.60	3.00	120	1900	310	310
	SDC0602151MF	6.20	6.60	3.00	150	2180	280	280
	SDC0602181MF	6.20	6.60	3.00	180	2770	260	260
	SDC0602221MF	6.20	6.60	3.00	220	3120	230	230
	SDC0602271MF	6.20	6.60	3.00	270	4380	220	220
	SDC0602331MF	6.20	6.60	3.00	330	4940	190	190

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0603 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC06032R0MZF	6.20	6.30	3.50	2.00	19.1	3300	2997
	SDC06032R7MZF	6.20	6.30	3.50	2.70	22.0	3120	2691
	SDC06033R3MZF	6.20	6.30	3.50	3.30	25.7	2810	2573
	SDC06034R7MZF	6.20	6.30	3.50	4.70	31.6	2510	2084
	SDC06036R2MZF	6.20	6.30	3.50	6.20	35.0	2410	1835
	SDC06038R2MZF	6.20	6.30	3.50	8.20	43.5	2110	1542
	SDC0603100MZF	6.20	6.30	3.50	10.0	49.4	1970	1491
	SDC0603120MZF	6.20	6.30	3.50	12.0	62.0	1730	1282
	SDC0603150MZF	6.20	6.30	3.50	15.0	77.0	1540	1103
	SDC0603180MZF	6.20	6.30	3.50	18.0	81.5	1520	1046
	SDC0603220MZF	6.20	6.30	3.50	22.0	106	1290	968
	SDC0603270MZF	6.20	6.30	3.50	27.0	140	1110	821
	SDC0603330MZF	6.20	6.30	3.50	33.0	162	1020	755
	SDC0603390MZF	6.20	6.30	3.50	39.0	192	960	700
	SDC0603470MZF	6.20	6.30	3.50	47.0	209	890	677
	SDC0603560MZF	6.20	6.30	3.50	56.0	257	800	602
	SDC0603680MZF	6.20	6.30	3.50	68.0	320	710	556
	SDC0603820MZF	6.20	6.30	3.50	82.0	420	610	468
	SDC0603101MZF	6.20	6.30	3.50	100	477	570	449
	SDC0603151MZF	6.20	6.30	3.50	150	664	480	367

*Tolerance code : M = $\pm$ 20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0604 SERIES

Item	Part Number	Dimension (mm) (L) (W) (H)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
	SDC0604100MF	6.20	6.60	5.00	10.0	120	1350	1350
	SDC0604120MF	6.20	6.60	5.00	12.0	130	1220	1220
	SDC0604150MF	6.20	6.60	5.00	15.0	180	1110	1110
	SDC0604180MF	6.20	6.60	5.00	18.0	240	1020	1020
	SDC0604220MF	6.20	6.60	5.00	22.0	270	910	910
	SDC0604270MF	6.20	6.60	5.00	27.0	300	820	820
	SDC0604330MF	6.20	6.60	5.00	33.0	330	740	740
	SDC0604390MF	6.20	6.60	5.00	39.0	370	690	690
	SDC0604470MF	6.20	6.60	5.00	47.0	520	620	620
	SDC0604560MF	6.20	6.60	5.00	56.0	560	580	580
	SDC0604680MF	6.20	6.60	5.00	68.0	630	510	510
	SDC0604820MF	6.20	6.60	5.00	82.0	710	460	460
	SDC0604101MF	6.20	6.60	5.00	100	1030	420	420
	SDC0604121MF	6.20	6.60	5.00	120	1150	380	380
	SDC0604151MF	6.20	6.60	5.00	150	1680	350	350
	SDC0604181MF	6.20	6.60	5.00	180	1870	320	320
	SDC0604221MF	6.20	6.60	5.00	220	2080	290	290
	SDC0604271MF	6.20	6.60	5.00	270	2370	260	260
	SDC0604331MF	6.20	6.60	5.00	330	2670	230	230
	SDC0604391MF	6.20	6.60	5.00	390	2940	220	220
	SDC0604471MF	6.20	6.60	5.00	470	3930	200	200

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0604 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC0604561MF	6.20	6.60	5.00	560	5430	180	180
	SDC0604681MF	6.20	6.60	5.00	680	7320	170	170
	SDC0604821MF	6.20	6.60	5.00	820	8240	150	150
	SDC0604102MF	6.20	6.60	5.00	1000	9260	140	140

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0703 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC0703100MF	7.30	7.30	3.40	10.0	72.0	1680	1680
	SDC0703120MF	7.30	7.30	3.40	12.0	98.0	1520	1520
	SDC0703150MF	7.30	7.30	3.40	15.0	130	1330	1330
	SDC0703180MF	7.30	7.30	3.40	18.0	140	1200	1200
	SDC0703220MF	7.30	7.30	3.40	22.0	190	1070	1070
	SDC0703270MF	7.30	7.30	3.40	27.0	210	960	960
	SDC0703330MF	7.30	7.30	3.40	33.0	240	910	910
	SDC0703390MF	7.30	7.30	3.40	39.0	320	770	770
	SDC0703470MF	7.30	7.30	3.40	47.0	360	760	760
	SDC0703560MF	7.30	7.30	3.40	56.0	470	680	680
	SDC0703680MF	7.30	7.30	3.40	68.0	520	610	610
	SDC0703820MF	7.30	7.30	3.40	82.0	690	570	570
	SDC0703101MF	7.30	7.30	3.40	100	790	500	500
	SDC0703121MF	7.30	7.30	3.40	120	890	490	490
	SDC0703151MF	7.30	7.30	3.40	150	1270	430	430
	SDC0703181MF	7.30	7.30	3.40	180	1450	390	390
	SDC0703221MF	7.30	7.30	3.40	220	1650	350	350
	SDC0703271MF	7.30	7.30	3.40	270	2310	320	320
	SDC0703331MF	7.30	7.30	3.40	330	2620	280	280
	SDC0703391MF	7.30	7.30	3.40	390	2940	260	260

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0703 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC0703471MF	7.30	7.30	3.40	470	4180	240	240
	SDC0703561MF	7.30	7.30	3.40	560	4670	220	220
	SDC0703681MF	7.30	7.30	3.40	680	5730	190	190
	SDC0703821MF	7.30	7.30	3.40	820	6540	180	180
	SDC0703102MF	7.30	7.30	3.40	1000	9440	160	160

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0704 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC0704100MF	7.30	7.30	4.50	10.0	49.0	1840	1840
	SDC0704120MF	7.30	7.30	4.50	12.0	58.0	1710	1710
	SDC0704150MF	7.30	7.30	4.50	15.0	81.0	1470	1470
	SDC0704180MF	7.30	7.30	4.50	18.0	91.0	1310	1310
	SDC0704220MF	7.30	7.30	4.50	22.0	110	1230	1230
	SDC0704270MF	7.30	7.30	4.50	27.0	150	1120	1120
	SDC0704330MF	7.30	7.30	4.50	33.0	170	960	960
	SDC0704390MF	7.30	7.30	4.50	39.0	230	910	910
	SDC0704470MF	7.30	7.30	4.50	47.0	260	880	880
	SDC0704560MF	7.30	7.30	4.50	56.0	350	750	750
	SDC0704680MF	7.30	7.30	4.50	68.0	380	690	690
	SDC0704820MF	7.30	7.30	4.50	82.0	430	610	610
	SDC0704101MF	7.30	7.30	4.50	100	610	600	600
	SDC0704121MF	7.30	7.30	4.50	120	660	520	520
	SDC0704151MF	7.30	7.30	4.50	150	880	460	460
	SDC0704181MF	7.30	7.30	4.50	180	980	420	420
	SDC0704221MF	7.30	7.30	4.50	220	1170	360	360
	SDC0704271MF	7.30	7.30	4.50	270	1640	340	340
	SDC0704331MF	7.30	7.30	4.50	330	1860	320	320
	SDC0704391MF	7.30	7.30	4.50	390	2850	290	290

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC0704 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC0704471MF	7.30	7.30	4.50	470	3010	260	260
	SDC0704561MF	7.30	7.30	4.50	560	3620	230	230
	SDC0704681MF	7.30	7.30	4.50	680	4630	220	220
	SDC0704821MF	7.30	7.30	4.50	820	5200	200	200
	SDC0704102MF	7.30	7.30	4.50	1000	6000	180	180

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1003 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC10031R5YWF	10.30	10.00	3.80	1.50	8.10	6800	10000
	SDC10032R5YWF	10.30	10.00	3.80	2.50	10.0	6100	7500
	SDC10033R8YWF	10.30	10.00	3.80	3.80	13.0	5200	6000
	SDC10035R2YWF	10.30	10.00	3.80	5.20	22.0	4600	5500
	SDC10037R0YWF	10.30	10.00	3.80	7.00	27.0	4300	4800
	SDC1003100YWF	10.30	10.00	3.80	10.0	35.0	3800	4400
	SDC1003150YWF	10.30	10.00	3.80	15.0	50.0	3200	3600
	SDC1003220YWF	10.30	10.00	3.80	22.0	73.0	2500	2900
	SDC1003330YWF	10.30	10.00	3.80	33.0	93.0	2100	2300
	SDC1003470YWF	10.30	10.00	3.80	47.0	128	1800	2100
	SDC1003680YWF	10.30	10.00	3.80	68.0	213	1500	1500
	SDC1003820YWF	10.30	10.00	3.80	82.0	283	1240	1450
	SDC1003101YWF	10.30	10.00	3.80	100	304	1200	1350
	SDC1003151YWF	10.30	10.00	3.80	150	506	1000	1150
	SDC1003221YWF	10.30	10.00	3.80	220	756	800	920
	SDC1003331YWF	10.30	10.00	3.80	330	1090	700	700

*Tolerance code : Y = ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1204 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC12043R9YF	12.80	12.80	5.00	3.90	15.0	6500	6500
	SDC12044R7YF	12.80	12.80	5.00	4.70	18.0	5700	5700
	SDC12046R8YF	12.80	12.80	5.00	6.80	23.0	4900	4900
	SDC12048R2YF	12.80	12.80	5.00	8.20	26.0	4600	4600
	SDC1204100MF	12.80	12.80	5.00	10.0	28.0	4500	4500
	SDC1204120MF	12.80	12.80	5.00	12.0	38.0	4000	4000
	SDC1204150MF	12.80	12.80	5.00	15.0	52.0	3200	3200
	SDC1204180MF	12.80	12.80	5.00	18.0	60.0	3100	3100
	SDC1204220MF	12.80	12.80	5.00	22.0	70.0	2900	2900
	SDC1204270MF	12.80	12.80	5.00	27.0	80.0	2800	2800
	SDC1204330MF	12.80	12.80	5.00	33.0	97.0	2700	2700
	SDC1204390MF	12.80	12.80	5.00	39.0	132	2100	2100
	SDC1204470MF	12.80	12.80	5.00	47.0	160	1900	1900
	SDC1204560MF	12.80	12.80	5.00	56.0	190	1800	1800
	SDC1204680MF	12.80	12.80	5.00	68.0	220	1500	1500
	SDC1204820MF	12.80	12.80	5.00	82.0	260	1300	1300
	SDC1204101MF	12.80	12.80	5.00	100	308	1200	1200
	SDC1204121MF	12.80	12.80	5.00	120	380	1100	1100
	SDC1204151MF	12.80	12.80	5.00	150	530	950	950
	SDC1204181MF	12.80	12.80	5.00	180	620	850	850
	SDC1204221MF	12.80	12.80	5.00	220	700	800	800
	SDC1204271MF	12.80	12.80	5.00	270	870	600	600
	SDC1204331MF	12.80	12.80	5.00	330	990	500	500

*Tolerance code : M = $\pm$ 20%, Y= $\pm$ 30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1205 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC12051R3YF	12.80	12.80	6.00	1.30	12.0	8000	8000
	SDC12052R1YF	12.80	12.80	6.00	2.10	14.0	7000	7000
	SDC12053R1YF	12.80	12.80	6.00	3.10	17.0	6000	6000
	SDC12054R4YF	12.80	12.80	6.00	4.40	20.0	5000	5000
	SDC12055R8YF	12.80	12.80	6.00	5.80	21.0	4400	4400
	SDC12057R5YF	12.80	12.80	6.00	7.50	24.0	4200	4200
	SDC1205100MF	12.80	12.80	6.00	10.0	25.0	4000	4000
	SDC1205120MF	12.80	12.80	6.00	12.0	27.0	3500	3500
	SDC1205150MF	12.80	12.80	6.00	15.0	30.0	3300	3300
	SDC1205180MF	12.80	12.80	6.00	18.0	34.0	3000	3000
	SDC1205220MF	12.80	12.80	6.00	22.0	36.0	2800	2800
	SDC1205270MF	12.80	12.80	6.00	27.0	51.0	2300	2300
	SDC1205330MF	12.80	12.80	6.00	33.0	57.0	2100	2100
	SDC1205390MF	12.80	12.80	6.00	39.0	68.0	2000	2000
	SDC1205470MF	12.80	12.80	6.00	47.0	75.0	1800	1800
	SDC1205560MF	12.80	12.80	6.00	56.0	110	1700	1700
	SDC1205680MF	12.80	12.80	6.00	68.0	120	1500	1500
	SDC1205820MF	12.80	12.80	6.00	82.0	140	1400	1400
	SDC1205101MF	12.80	12.80	6.00	100	160	1300	1300
	SDC1205121MF	12.80	12.80	6.00	120	170	1100	1100
	SDC1205151MF	12.80	12.80	6.00	150	230	1000	1000

*Tolerance code : M = $\pm 20\%$, Y = $\pm 30\%$

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1205 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC1205181MF	12.80	12.80	6.00	180	290	900	900
	SDC1205221MF	12.80	12.80	6.00	220	400	800	800
	SDC1205271MF	12.80	12.80	6.00	270	460	750	750
	SDC1205331MF	12.80	12.80	6.00	330	510	680	680
	SDC1205391MF	12.80	12.80	6.00	390	690	650	650
	SDC1205471MF	12.80	12.80	6.00	470	770	580	580
	SDC1205561MF	12.80	12.80	6.00	560	860	540	540
	SDC1205681MF	12.80	12.80	6.00	680	1200	480	480
	SDC1205821MF	12.80	12.80	6.00	820	1340	430	430
	SDC1205102MF	12.80	12.80	6.00	1000	1530	400	400

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1207 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC12071R2YF	12.50	12.50	8.00	1.20	7.00	9800	9800
	SDC12072R4YF	12.50	12.50	8.00	2.40	11.5	8000	8000
	SDC12072R7YF	12.50	12.50	8.00	2.70	11.5	8000	8000
	SDC12073R5YF	12.50	12.50	8.00	3.50	13.5	7500	7500
	SDC12073R9YF	12.50	12.50	8.00	3.90	13.5	7500	7500
	SDC12074R7YF	12.50	12.50	8.00	4.70	15.8	6800	6800
	SDC12076R1YF	12.50	12.50	8.00	6.10	17.6	6600	6600
	SDC12077R6YF	12.50	12.50	8.00	7.60	20.0	5900	5900
	SDC1207100MF	12.50	12.50	8.00	10.0	21.6	5400	5400
	SDC1207120MF	12.50	12.50	8.00	12.0	24.3	4900	4900
	SDC1207150MF	12.50	12.50	8.00	15.0	27.0	4500	4500
	SDC1207180MF	12.50	12.50	8.00	18.0	39.2	3900	3900
	SDC1207220MF	12.50	12.50	8.00	22.0	43.2	3600	3600
	SDC1207270MF	12.50	12.50	8.00	27.0	45.9	3400	3400
	SDC1207330MF	12.50	12.50	8.00	33.0	64.8	3000	3000
	SDC1207390MF	12.50	12.50	8.00	39.0	72.9	2750	2750
	SDC1207470MF	12.50	12.50	8.00	47.0	100	2500	2500
	SDC1207560MF	12.50	12.50	8.00	56.0	110	2350	2350
	SDC1207680MF	12.50	12.50	8.00	68.0	140	2100	2100
	SDC1207820MF	12.50	12.50	8.00	82.0	160	1950	1950
	SDC1207101MF	12.50	12.50	8.00	100	220	1700	1700
	SDC1207121MF	12.50	12.50	8.00	120	250	1600	1600
	SDC1207151MF	12.50	12.50	8.00	150	280	1420	1420

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SDC1207 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SDC1207181MF	12.50	12.50	8.00	180	350	1300	1300
	SDC1207221MF	12.50	12.50	8.00	220	390	1160	1160
	SDC1207271MF	12.50	12.50	8.00	270	560	1060	1060
	SDC1207331MF	12.50	12.50	8.00	330	640	950	950
	SDC1207391MF	12.50	12.50	8.00	390	700	880	880
	SDC1207471MF	12.50	12.50	8.00	470	980	790	790
	SDC1207561MF	12.50	12.50	8.00	560	1070	730	730
	SDC1207681MF	12.50	12.50	8.00	680	1460	670	670
	SDC1207821MF	12.50	12.50	8.00	820	1640	600	600
	SDC1207102MF	12.50	12.50	8.00	1000	1820	550	550

*Tolerance code : M = $\pm$ 20%, Y= $\pm$ 30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0301 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC03011R5YZF	4.10	4.10	1.80	1.50	52.0	1550	1550
	SSC03012R2YZF	4.10	4.10	1.80	2.20	72.0	1200	1200
	SSC03013R3YZF	4.10	4.10	1.80	3.30	85.0	1100	1100
	SSC03014R7YZF	4.10	4.10	1.80	4.70	105	900	900
	SSC03016R8YZF	4.10	4.10	1.80	6.80	170	730	730
	SSC0301100YZF	4.10	4.10	1.80	10.0	210	550	550
	SSC0301150YZF	4.10	4.10	1.80	15.0	295	450	450
	SSC0301220YZF	4.10	4.10	1.80	22.0	430	400	400
	SSC0301330YZF	4.10	4.10	1.80	33.0	675	320	320

*Tolerance code : Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0402 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC04021R0YZF	4.70	4.70	2.00	1.00	45.0	1720	1720
	SSC04022R2YZF	4.70	4.70	2.00	2.20	75.0	1320	1320
	SSC04022R7YZF	4.70	4.70	2.00	2.70	105	1280	1280
	SSC04023R3YZF	4.70	4.70	2.00	3.30	110	1040	1040
	SSC04023R9YZF	4.70	4.70	2.00	3.90	155	880	880
	SSC04024R7YZF	4.70	4.70	2.00	4.70	162	840	840
	SSC04025R6YZF	4.70	4.70	2.00	5.60	170	800	800
	SSC04026R8YZF	4.70	4.70	2.00	6.80	180	760	760
	SSC04028R2YZF	4.70	4.70	2.00	8.20	190	680	680
	SSC0402100MZF	4.70	4.70	2.00	10.0	200	610	610
	SSC0402120YZF	4.70	4.70	2.00	12.0	210	560	560
	SSC0402150YZF	4.70	4.70	2.00	15.0	240	500	500
	SSC0402180YZF	4.70	4.70	2.00	18.0	338	480	480
	SSC0402220YZF	4.70	4.70	2.00	22.0	397	410	410
	SSC0402270YZF	4.70	4.70	2.00	27.0	441	350	350
	SSC0402330YZF	4.70	4.70	2.00	33.0	694	320	320
	SSC0402390YZF	4.70	4.70	2.00	39.0	709	300	300

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0403 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC04031R2YZF	4.70	4.70	3.00	1.20	23.6	2560	2560
	SSC04031R8YZF	4.70	4.70	3.00	1.80	27.5	2200	2200
	SSC04032R2YZF	4.70	4.70	3.00	2.20	31.3	2040	2040
	SSC04032R7YZF	4.70	4.70	3.00	2.70	43.3	1600	1600
	SSC04033R3YZF	4.70	4.70	3.00	3.30	49.2	1570	1570
	SSC04033R9YZF	4.70	4.70	3.00	3.90	64.8	1440	1440
	SSC04034R7YZF	4.70	4.70	3.00	4.70	72.0	1320	1320
	SSC04035R6YZF	4.70	4.70	3.00	5.60	100.9	1170	1170
	SSC04036R8YZF	4.70	4.70	3.00	6.80	108.9	1120	1120
	SSC04038R2YZF	4.70	4.70	3.00	8.20	117.5	1040	1040
	SSC0403100YZF	4.70	4.70	3.00	10.0	128.3	1000	1000
	SSC0403120YZF	4.70	4.70	3.00	12.0	131.6	840	840
	SSC0403150YZF	4.70	4.70	3.00	15.0	149.0	760	760
	SSC0403180YZF	4.70	4.70	3.00	18.0	166.0	720	720
	SSC0403220YZF	4.70	4.70	3.00	22.0	235.0	700	700
	SSC0403270YZF	4.70	4.70	3.00	27.0	261.0	580	580
	SSC0403330YZF	4.70	4.70	3.00	33.0	331.3	560	560
	SSC0403390YZF	4.70	4.70	3.00	39.0	383.7	500	500
	SSC0403470YZF	4.70	4.70	3.00	47.0	587.0	480	480
	SSC0403560YZF	4.70	4.70	3.00	56.0	624.5	410	410

*Tolerance code : Y = ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0403 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC0403680YZF	4.70	4.70	3.00	68.00	699.0	350	350
	SSC0403820YZF	4.70	4.70	3.00	82.00	914.8	320	320
	SSC0403101YZF	4.70	4.70	3.00	100.00	1020.0	290	290
	SSC0403121YZF	4.70	4.70	3.00	120.00	1270.0	270	270
	SSC0403151YZF	4.70	4.70	3.00	150.00	1350.0	240	240
	SSC0403181YZF	4.70	4.70	3.00	180.00	1540.0	220	220

*Tolerance code : Y =±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0503 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC05032R5YZF	5.70	5.70	3.00	2.50	18.0	2600	2600
	SSC05033R0YZF	5.70	5.70	3.00	3.00	24.0	2400	2400
	SSC05034R2YZF	5.70	5.70	3.00	4.20	31.0	2200	2200
	SSC05035R3YZF	5.70	5.70	3.00	5.30	38.0	1900	1900
	SSC05036R2YZF	5.70	5.70	3.00	6.20	45.0	1800	1800
	SSC05038R2YZF	5.70	5.70	3.00	8.20	53.0	1600	1600
	SSC0503100YZF	5.70	5.70	3.00	10.0	65.0	1300	1300
	SSC0503120YZF	5.70	5.70	3.00	12.0	76.0	1200	1200
	SSC0503150YZF	5.70	5.70	3.00	15.0	103	1100	1100
	SSC0503180YZF	5.70	5.70	3.00	18.0	110	1000	1000
	SSC0503220YZF	5.70	5.70	3.00	22.0	122	900	900
	SSC0503270YZF	5.70	5.70	3.00	27.0	175	850	850
	SSC0503330YZF	5.70	5.70	3.00	33.0	189	750	750
	SSC0503390YZF	5.70	5.70	3.00	39.0	212	700	700
	SSC0503470YZF	5.70	5.70	3.00	47.0	250	620	620
	SSC0503560YZF	5.70	5.70	3.00	56.0	305	580	580
	SSC0503680YZF	5.70	5.70	3.00	68.0	355	520	520
	SSC0503820YZF	5.70	5.70	3.00	82.0	463	460	460
	SSC0503101YZF	5.70	5.70	3.00	100	520	420	420

*Tolerance code : Y =±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0603 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC06033R0YZF	6.70	6.70	3.00	3.00	24.0	3000	3000
	SSC06033R9YZF	6.70	6.70	3.00	3.90	27.0	2600	2600
	SSC06035R0YZF	6.70	6.70	3.00	5.00	31.0	2400	2400
	SSC06036R0YZF	6.70	6.70	3.00	6.00	35.0	2250	2250
	SSC06037R3YZF	6.70	6.70	3.00	7.30	54.0	2100	2100
	SSC06038R6YZF	6.70	6.70	3.00	8.60	58.0	1850	1850
	SSC0603100YZF	6.70	6.70	3.00	10.0	65.0	1700	1700
	SSC0603120YZF	6.70	6.70	3.00	12.0	70.0	1550	1550
	SSC0603150YZF	6.70	6.70	3.00	15.0	84.0	1400	1400
	SSC0603180YZF	6.70	6.70	3.00	18.0	95.0	1320	1320
	SSC0603220YZF	6.70	6.70	3.00	22.0	128	1200	1200
	SSC0603270YZF	6.70	6.70	3.00	27.0	142	1050	1050
	SSC0603330YZF	6.70	6.70	3.00	33.0	165	970	970
	SSC0603390YZF	6.70	6.70	3.00	39.0	210	860	860
	SSC0603470YZF	6.70	6.70	3.00	47.0	238	800	800
	SSC0603560YZF	6.70	6.70	3.00	56.0	277	730	730
	SSC0603680YZF	6.70	6.70	3.00	68.0	304	650	650
	SSC0603820YZF	6.70	6.70	3.00	82.0	390	600	600
	SSC0603101YZF	6.70	6.70	3.00	100	535	540	540

*Tolerance code : Y = $\pm 30\%$

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0604 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC06043R3YZF	6.70	6.70	4.00	3.30	20.0	3500	3500
	SSC06045R0YZF	6.70	6.70	4.00	5.00	24.0	2900	2900
	SSC06046R2YZF	6.70	6.70	4.00	6.20	27.0	2500	2500
	SSC06047R4YZF	6.70	6.70	4.00	7.40	31.0	2300	2300
	SSC06048R7YZF	6.70	6.70	4.00	8.70	34.0	2200	2200
	SSC0604100YZF	6.70	6.70	4.00	10.0	38.0	2000	2000
	SSC0604120YZF	6.70	6.70	4.00	12.0	53.0	1700	1700
	SSC0604150YZF	6.70	6.70	4.00	15.0	57.0	1600	1600
	SSC0604180YZF	6.70	6.70	4.00	18.0	92.0	1500	1500
	SSC0604220YZF	6.70	6.70	4.00	22.0	96.0	1300	1300
	SSC0604270YZF	6.70	6.70	4.00	27.0	109	1200	1200
	SSC0604330YZF	6.70	6.70	4.00	33.0	124	1100	1100
	SSC0604390YZF	6.70	6.70	4.00	39.0	138	1000	1000
	SSC0604470YZF	6.70	6.70	4.00	47.0	155	950	950
	SSC0604560YZF	6.70	6.70	4.00	56.0	202	850	850
	SSC0604680YZF	6.70	6.70	4.00	68.0	234	750	750
	SSC0604820YZF	6.70	6.70	4.00	82.0	324	700	700
	SSC0604101YZF	6.70	6.70	4.00	100	358	650	650

*Tolerance code : Y =±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC0804 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC08041R0YZF	8.00	8.00	4.70	1.00	9.50	8000	11000
	SSC08041R8YZF	8.00	8.00	4.70	1.80	11.0	7500	8000
	SSC08042R2YZF	8.00	8.00	4.70	2.20	13.0	6500	7000
	SSC08043R3YZF	8.00	8.00	4.70	3.30	15.0	6000	6500
	SSC08044R7YZF	8.00	8.00	4.70	4.70	18.0	5500	5500
	SSC08046R8YZF	8.00	8.00	4.70	6.80	22.0	5000	5000
	SSC0804100YZF	8.00	8.00	4.70	10.0	35.0	4000	4000
	SSC0804150YZF	8.00	8.00	4.70	15.0	45.0	3000	3000
	SSC0804220YZF	8.00	8.00	4.70	22.0	65.0	2800	2800
	SSC0804330YZF	8.00	8.00	4.70	33.0	90.0	2200	2200
	SSC0804470YZF	8.00	8.00	4.70	47.0	120	1800	1800
	SSC0804680YZF	8.00	8.00	4.70	68.0	170	1500	1500
	SSC0804101YZF	8.00	8.00	4.70	100	270	1200	1200

*Tolerance code : Y =±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SSC1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SSC10052R4YZF	10.00	10.00	5.00	2.40	12.5	9600	11500
	SSC10053R6YZF	10.00	10.00	5.00	3.60	15.0	8200	9400
	SSC10055R0YZF	10.00	10.00	5.00	5.00	16.9	6800	8000
	SSC10056R6YZF	10.00	10.00	5.00	6.60	22.5	5700	7100
	SSC10058R5YZF	10.00	10.00	5.00	8.50	28.8	4800	6300
	SSC1005100YZF	10.00	10.00	5.00	10.0	40.0	4300	5500
	SSC1005120YZF	10.00	10.00	5.00	12.0	42.5	3600	4900
	SSC1005150YZF	10.00	10.00	5.00	15.0	46.0	3400	4500
	SSC1005180YZF	10.00	10.00	5.00	18.0	50.0	3200	4100
	SSC1005220YZF	10.00	10.00	5.00	22.0	56.0	2800	4000
	SSC1005270YZF	10.00	10.00	5.00	27.0	63.0	2700	3600
	SSC1005330YZF	10.00	10.00	5.00	33.0	90.0	2100	3100
	SSC1005390YZF	10.00	10.00	5.00	39.0	105.0	1900	3000
	SSC1005470YZF	10.00	10.00	5.00	47.0	120.0	1800	2600
	SSC1005560YZF	10.00	10.00	5.00	56.0	150.0	1600	2400
	SSC1005680YZF	10.00	10.00	5.00	68.0	175.0	1500	2100
	SSC1005820YZF	10.00	10.00	5.00	82.0	220.0	1300	2000
	SSC1005101YZF	10.00	10.00	5.00	100	275.0	1100	1800
	SSC1005121YZF	10.00	10.00	5.00	120	312.5	1000	1600

*Tolerance code : Y =±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC0605(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0605R03MZF	5.50	5.70	4.60	35.0	0.200	30.0	65.0
	SMC0605R05MZF	5.50	5.70	4.60	55.0	0.200	30.0	50.0
	SMC0605R08MZF	5.50	5.70	4.60	80.0	0.200	30.0	35.0

*Tolerance code : M =±20%

SMD POWER INDUCTOR — SMC0606(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0606R03MZF	5.50	5.70	6.00	35.0	0.200	50.0	75.0
	SMC0606R05MZF	5.50	5.70	6.00	55.0	0.200	50.0	66.0
	SMC0606R08MZF	5.50	5.70	6.00	80.0	0.200	50.0	55.0

*Tolerance code : M =±20%

SMD POWER INDUCTOR — SMC0703(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0703R04MYF	7.20	6.70	3.00	47.0	0.240	39.0	42.0
	SMC0703R06MYF	7.20	6.70	3.00	68.0	0.240	39.0	32.0
	SMC0703R08MYF	7.20	6.70	3.00	82.0	0.240	39.0	26.0
	SMC0703R10MYF	7.20	6.70	3.00	100	0.240	39.0	22.0
	SMC0703R12MYF	7.20	6.70	3.00	120	0.240	39.0	18.0

*Tolerance code : M =±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC0703(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0703R05MZF	7.50	6.70	3.00	50.0	0.123	40.0	50.0
	SMC0703R06MZF	7.50	6.70	3.00	64.0	0.123	40.0	32.0
	SMC0703R08MZF	7.50	6.70	3.00	82.0	0.123	40.0	26.0
	SMC0703R10MZF	7.50	6.70	3.00	100	0.123	40.0	22.0
	SMC0703R12MZF	7.50	6.70	3.00	120	0.123	40.0	16.0

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SMC0705 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0705R07MZF	7.00	7.00	5.00	72.0	0.350	45.0	58.0
	SMC0705R10MZF	7.00	7.00	5.00	105	0.350	45.0	46.0
	SMC0705R15MZF	7.00	7.00	5.00	150	0.350	45.0	30.0

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SMC0708(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0708R03KZF	7.20	6.50	8.00	35.0	0.200	63.0	130
	SMC0708R05KZF	7.20	6.50	8.00	55.0	0.200	63.0	110
	SMC0708R08KZF	7.20	6.50	8.00	80.0	0.200	63.0	90.0

*Tolerance code : K = ±10%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC0909(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0909R15LYF	9.00	5.00	9.50	150	0.400	38.0	58.0
	SMC0909R18LYF	9.00	5.00	9.50	180	0.400	38.0	49.0
	SMC0909R21LYF	9.00	5.00	9.50	210	0.400	38.0	38.0
	SMC0909R27LYF	9.00	5.00	9.50	270	0.400	38.0	30.0
	SMC0909R33LYF	9.00	5.00	9.50	330	0.400	38.0	23.0
	SMC0909R47MYF	9.00	5.00	9.50	470	0.400	38.0	16.0

*Tolerance code : L =±15%, M =±20%

SMD POWER INDUCTOR — SMC0909(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0909R03LZF	9.00	5.20	9.50	35.0	0.125	63.0	230
	SMC0909R05LZF	9.00	5.20	9.50	55.0	0.125	63.0	155
	SMC0909R07LZF	9.00	5.20	9.50	70.0	0.125	63.0	110
	SMC0909R08LZF	9.00	5.20	9.50	80.0	0.125	63.0	97.0
	SMC0909R09LZF	9.00	5.20	9.50	90.0	0.125	63.0	90.0
	SMC0909R10LZF	9.00	5.20	9.50	100	0.125	63.0	80.0
	SMC0909R12LZF	9.00	5.00	9.50	120	0.125	63.0	72.0
	SMC0909R15LZF	9.00	5.00	9.50	150	0.125	63.0	58.0
	SMC0909R18LZF	9.00	5.00	9.50	180	0.125	63.0	49.0
	SMC0909R21LZF	9.00	5.00	9.50	210	0.125	63.0	38.0

*Tolerance code : L =±15%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC0909(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC0909R24LZF	9.00	5.00	9.50	240	0.125	63.0	33.0
	SMC0909R27LZF	9.00	5.00	9.50	270	0.125	63.0	30.0
	SMC0909R33LZF	9.00	5.00	9.50	330	0.125	63.0	23.0
	SMC0909R47MZF	9.00	5.00	9.50	470	0.125	63.0	16.0

*Tolerance code : L = ±15%, M = ±20%

SMD POWER INDUCTOR — SMC1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1005R08MZF	10.20	7.00	5.00	85.0	0.420	50.0	70.0
	SMC1005R10MZF	10.20	7.00	5.00	100	0.420	50.0	70.0
	SMC1005R12MZF	10.20	7.00	5.00	120	0.420	50.0	52.0
	SMC1005R15MZF	10.20	7.00	5.00	155	0.420	50.0	40.0
	SMC1005R22MZF	10.20	7.00	5.00	220	0.420	50.0	33.0

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SMC1007 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1007R17LAF	10.40	8.00	7.30	170	0.290	61.0	60.0
	SMC1007R22KAF	10.40	8.00	7.30	215	0.290	61.0	44.0

*Tolerance code : K = ±10%, L = ±15%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1008 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1008R15MAF	10.40	8.00	7.00	150	0.410	70.0	70.0
	SMC1008R31MAF	10.40	8.00	7.00	310	0.480	51.0	32.0

*Tolerance code : M =±20%

SMD POWER INDUCTOR — SMC1010(S) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1010R22LSF	10.00	7.00	10.00	220	0.400	44.0	65.0
	SMC1010R33LSF	10.00	7.00	10.00	330	0.400	44.0	35.0
	SMC1010R47LSF	10.00	7.00	10.00	470	0.400	44.0	30.0

*Tolerance code : L =±15%

SMD POWER INDUCTOR — SMC1010(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1010R07MYF	10.00	7.00	10.00	70.0	0.145	68.0	124
	SMC1010R08MYF	10.00	7.00	10.00	80.0	0.145	68.0	118
	SMC1010R10MYF	10.00	7.00	10.00	100	0.145	68.0	95.0
	SMC1010R12MYF	10.00	7.00	10.00	120	0.145	68.0	78.0
	SMC1010R15MYF	10.00	7.00	10.00	150	0.145	68.0	60.0
	SMC1010R22MYF	10.00	7.00	10.00	220	0.145	68.0	38.0
	SMC1010R33MYF	10.00	7.00	10.00	330	0.145	68.0	20.0

*Tolerance code : M =±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1010(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1010R08LZF	10.00	7.00	10.00	80.0	0.185	68.0	120
	SMC1010R10LZF	10.00	7.00	10.00	100	0.185	68.0	100
	SMC1010R12LZF	10.00	7.00	10.00	120	0.185	68.0	94.0
	SMC1010R15LZF	10.00	7.00	10.00	150	0.185	68.0	80.0
	SMC1010R22LZF	10.00	7.00	10.00	220	0.185	68.0	70.0
	SMC1010R33LZF	10.00	7.00	10.00	330	0.185	68.0	35.0

*Tolerance code : L = ±15%

SMD POWER INDUCTOR — SMC1012(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1012R07LYF	9.70	5.70	11.70	70.0	0.125	78.0	170
	SMC1012R08LYF	9.70	5.70	11.70	80.0	0.125	78.0	160
	SMC1012R10LYF	9.70	5.70	11.70	100	0.125	78.0	130
	SMC1012R12LYF	9.70	5.70	11.70	120	0.125	78.0	105
	SMC1012R15LYF	9.70	5.70	11.70	150	0.125	78.0	83.0
	SMC1012R22LYF	9.70	5.70	11.70	220	0.125	78.0	62.0
	SMC1012R33LYF	9.70	5.70	11.70	330	0.125	78.0	36.0
	SMC1012R47LYF	9.70	5.70	11.70	470	0.125	78.0	22.0

*Tolerance code : L = ±15%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1012(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1012R08MZF	10.00	6.00	12.00	80.0	0.100	78.0	156
	SMC1012R10MZF	10.00	6.00	12.00	100	0.100	78.0	125
	SMC1012R12MZF	10.00	6.00	12.00	120	0.100	78.0	105
	SMC1012R15MZF	10.00	6.00	12.00	150	0.100	78.0	83.0
	SMC1012R22MZF	10.00	6.00	12.00	220	0.100	78.0	62.0
	SMC1012R33MZF	10.00	6.00	12.00	330	0.100	78.0	36.0

*Tolerance code : M =±20%

SMD POWER INDUCTOR — SMC1108(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1108R12MYF	10.80	8.00	8.00	120	0.180	75.0	100
	SMC1108R15MYF	10.80	8.00	8.00	150	0.180	75.0	85.0
	SMC1108R18MYF	10.80	8.00	8.00	180	0.180	75.0	70.0
	SMC1108R22MYF	10.80	8.00	8.00	220	0.180	75.0	60.0
	SMC1108R27MYF	10.80	8.00	8.00	270	0.180	75.0	44.0
	SMC1108R30MYF	10.80	8.00	8.00	300	0.180	75.0	36.0

*Tolerance code : M =±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1108(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1108R12MZF	10.50	8.00	8.20	120	0.150	60.0	85.0
	SMC1108R15MZF	10.50	8.00	8.20	150	0.150	60.0	70.0
	SMC1108R18MZF	10.50	8.00	8.20	180	0.150	60.0	60.0
	SMC1108R22MZF	10.50	8.00	8.20	220	0.150	60.0	50.0
	SMC1108R27MZF	10.50	8.00	8.20	270	0.150	60.0	40.0
	SMC1108R30MZF	10.50	8.00	8.20	300	0.150	60.0	32.0

*Tolerance code : M = ±20%

SMD POWER INDUCTOR — SMC1109(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1109R22MZF	11.40	11.20	9.00	225	0.580	35.0	65.0
	SMC1109R27MZF	11.40	11.20	9.00	270	0.580	35.0	50.0
	SMC1109R32MZF	11.40	11.20	9.00	325	0.580	35.0	40.0
	SMC1109R47MZF	11.40	11.20	9.00	470	0.580	35.0	28.0

SMD POWER INDUCTOR — SMC1208 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1208R22□AF	12.00	8.00	7.00	220	0.310	50.0	54.0
	SMC1208R23□AF	12.00	8.00	7.00	230	0.310	50.0	50.0

*Tolerance code : K = ±10%, M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1208(Y) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1208R12MYF	12.50	9.00	7.50	120	0.210	55.0	85.0
	SMC1208R15MYF	12.50	9.00	7.50	150	0.210	55.0	75.0
	SMC1208R18MYF	12.50	9.00	7.50	180	0.210	55.0	65.0
	SMC1208R22MYF	12.50	9.00	7.50	220	0.210	55.0	55.0
	SMC1208R27MYF	12.50	9.00	7.50	270	0.210	55.0	40.0
	SMC1208R30MYF	12.50	9.00	7.50	300	0.210	55.0	32.0

SMD POWER INDUCTOR — SMC1208(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1208R12MZF	11.50	7.80	7.80	120	0.290	55.0	95.0
	SMC1208R15MZF	11.50	7.80	7.80	150	0.290	55.0	80.0
	SMC1208R18MZF	11.50	7.80	7.80	180	0.290	55.0	70.0
	SMC1208R22MZF	11.50	7.80	7.80	220	0.290	55.0	55.0
	SMC1208R27MZF	11.50	7.80	7.80	270	0.290	55.0	45.0
	SMC1208R30MZF	11.50	7.80	7.80	300	0.290	55.0	37.0
	SMC1208R40MZF	11.50	7.80	7.80	400	0.290	55.0	25.0

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SMC1404(Z) SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1404R12MZF	13.60	9.60	3.50	120	0.075	50.0	52.0
	SMC1404R22MZF	13.60	9.60	3.50	220	0.300	40.0	42.0

SMD POWER INDUCTOR — SMC1408 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	SMC1408R21MZF	13.00	13.00	8.00	210	0.350	50.0	71.0
	SMC1408R26MZF	13.00	13.00	8.00	260	0.350	50.0	60.0
	SMC1408R32MZF	13.00	13.00	8.00	320	0.350	50.0	50.0
	SMC1408R44MZF	13.00	13.00	8.00	440	0.350	50.0	35.0

*Tolerance code : M =±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — STB1106 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	STB1106R54MZF	11.43	8.89	5.97	0.54	6.00	5900	5900
	STB1106R85MZF	11.43	8.89	5.97	0.85	7.00	5400	5400
	STB11061R2MZF	11.43	8.89	5.97	1.22	8.00	5000	5000
	STB11062R2MZF	11.43	8.89	5.97	2.18	14.0	3900	3900
	STB11064R9MZF	11.43	8.89	5.97	4.90	32.0	2500	2500
	STB11067R6MZF	11.43	8.89	5.97	7.65	40.0	2300	2300
	STB1106100MZF	11.43	8.89	5.97	9.83	45.0	2100	2100
	STB1106150MZF	11.43	8.89	5.97	14.99	85.0	1600	1600
	STB1106200MZF	11.43	8.89	5.97	19.58	97.0	1500	1500
	STB1106250MZF	11.43	8.89	5.97	24.79	109	1400	1400
	STB1106330MZF	11.43	8.89	5.97	32.67	126	1300	1300
	STB1106500MZF	11.43	8.89	5.97	49.10	305	820	820
	STB1106680MZF	11.43	8.89	5.97	68.85	362	760	760
	STB1106101MZF	11.43	8.89	5.97	99.14	541	620	620

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — STB1306 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	STB1306R49MZF	13.97	11.43	6.35	0.49	9.30	7900	7900
	STB1306R76MZF	13.97	11.43	6.35	0.76	11.2	7200	7200
	STB13061R1MZF	13.97	11.43	6.35	1.10	16.6	5900	5900
	STB13061R9MZF	13.97	11.43	6.35	1.95	27.4	4600	4600
	STB13065R1MZF	13.97	11.43	6.35	5.15	53.4	3300	3300
	STB13067R8MZF	13.97	11.43	6.35	7.81	65.3	3000	3000
	STB13069R8MZF	13.97	11.43	6.35	9.88	93.3	2500	2500
	STB1306140MZF	13.97	11.43	6.35	14.76	113.9	2300	2300
	STB1306200MZF	13.97	11.43	6.35	20.62	168.4	1900	1900
	STB1306250MZF	13.97	11.43	6.35	25.65	230.6	1600	1600
	STB1306330MZF	13.97	11.43	6.35	33.21	331.2	1300	1300
	STB1306480MZF	13.97	11.43	6.35	48.80	402.0	1200	1200
	STB1306670MZF	13.97	11.43	6.35	67.37	476.0	1100	1100
	STB1306990MZF	13.97	11.43	6.35	99.09	1130.0	720	720

SMD POWER INDUCTOR — STF0402 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	STF0402100YZF	4.60	5.00	2.50	10.0	35.0	1400	1400
	STF0402400YZF	4.60	5.00	2.50	40.0	70.0	1250	1250
	STF0402850YZF	4.60	5.00	2.50	85.0	135	900	900
	STF0402151YZF	4.60	5.00	2.50	150	220	500	500
	STF0402221YZF	4.60	5.00	2.50	220	350	450	450

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — STF0703 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	STF07036R0YZF	8.00	5.30	3.50	6.00	40.0	2000	2000
	STF0703250YZF	8.00	5.30	3.50	25.0	70.0	1600	1600
	STF0703550YZF	8.00	5.30	3.50	55.0	130	1100	1100
	STF0703101YZF	8.00	5.30	3.50	100	220	900	900
	STF0703151YZF	8.00	5.30	3.50	150	420	650	650

SMD POWER INDUCTOR — STF0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	STF0805121YZF	8.80	8.50	5.50	120	25.0	1400	1400
	STF0805251YZF	8.80	8.50	5.50	250	30.0	1250	1250
	STF0805501YZF	8.80	8.50	5.50	500	60.0	900	900
	STF0805102YZF	8.80	8.50	5.50	1000	180	500	500
	STF0805202YZF	8.80	8.50	5.50	2000	250	450	450
	STF0805302YZF	8.80	8.50	5.50	3000	300	400	400
	STF0805402YZF	8.80	8.50	5.50	4000	580	300	300
	STF0805502YZF	8.80	8.50	5.50	5000	630	250	250

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPB0704 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPB0704R80YZF	7.30	7.30	4.45	0.80	13.2	10200	5330
	SPB07041R5YZF	7.30	7.30	4.45	1.50	18.8	7000	4960
	SPB07042R2YZF	7.30	7.30	4.45	2.20	20.4	6600	4660
	SPB07043R3YZF	7.30	7.30	4.45	3.30	25.8	5200	3940
	SPB07044R7YZF	7.30	7.30	4.45	4.70	35.4	4370	3340
	SPB07046R8YZF	7.30	7.30	4.45	6.80	49.2	3500	2600
	SPB07048R2YZF	7.30	7.30	4.45	8.20	56.4	3200	2530
	SPB0704100MZF	7.30	7.30	4.45	10.0	60.6	3050	2410
	SPB0704150MZF	7.30	7.30	4.45	15.0	94.8	2400	2000
	SPB0704220MZF	7.30	7.30	4.45	22.0	127.2	1950	1750
	SPB0704330MZF	7.30	7.30	4.45	33.0	205.2	1600	1300
	SPB0704470MZF	7.30	7.30	4.45	47.0	294	1320	1050
	SPB0704680MZF	7.30	7.30	4.45	68.0	405	1180	950
	SPB0704820MZF	7.30	7.30	4.45	82.0	492	1090	830
	SPB0704101MZF	7.30	7.30	4.45	100	573.6	960	750
	SPB0704151MZF	7.30	7.30	4.45	150	835.2	780	600
	SPB0704221MZF	7.30	7.30	4.45	220	1219.2	650	500
	SPB0704331MZF	7.30	7.30	4.45	330	2172	530	400
	SPB0704471MZF	7.30	7.30	4.45	470	2652	460	350
	SPB0704681MZF	7.30	7.30	4.45	680	4248	370	280
	SPB0704821MZF	7.30	7.30	4.45	820	4668	350	260
	SPB0704102MZF	7.30	7.30	4.45	1000	5184	310	240

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPB1205 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPB1205R56YZF	12.50	12.50	6.00	0.56	4.30	25000	9500
	SPB12051R0YZF	12.50	12.50	6.00	1.00	5.00	19000	8500
	SPB12051R5YZF	12.50	12.50	6.00	1.50	6.00	12500	8200
	SPB12052R2YZF	12.50	12.50	6.00	2.20	7.50	12000	8000
	SPB12053R3YZF	12.50	12.50	6.00	3.30	9.50	10200	4800
	SPB12054R5YZF	12.50	12.50	6.00	4.50	10.5	9000	4600
	SPB12056R8YZF	12.50	12.50	6.00	6.80	16.5	7000	4300
	SPB12058R2YZF	12.50	12.50	6.00	8.20	18.0	6500	4000
	SPB1205100YZF	12.50	12.50	6.00	10.00	22.4	5700	3700
	SPB1205150YZF	12.50	12.50	6.00	15.00	29.8	4700	3300
	SPB1205220YZF	12.50	12.50	6.00	22.00	42.0	3650	3000
	SPB1205330YZF	12.50	12.50	6.00	33.00	60.0	3100	2700
	SPB1205470YZF	12.50	12.50	6.00	47.00	81.0	2600	2200
	SPB1205680YZF	12.50	12.50	6.00	68.00	118	2200	1800
	SPB1205820YZF	12.50	12.50	6.00	82.00	140	2000	1600
	SPB1205101MZF	12.50	12.50	6.00	100.00	183	1750	1400
	SPB1205151MZF	12.50	12.50	6.00	150.00	264	1500	1100
	SPB1205221MZF	12.50	12.50	6.00	220.00	376	1200	900
	SPB1205331MZF	12.50	12.50	6.00	330.00	560	1000	700
	SPB1205471MZF	12.50	12.50	6.00	470.00	774	820	550
	SPB1205681MZF	12.50	12.50	6.00	680.00	1145	710	450
	SPB1205821MZF	12.50	12.50	6.00	820.00	1459	630	380
	SPB1205102MZF	12.50	12.50	6.00	1000.00	1660	600	280

*Tolerance code : M = ±20%, Y= ±30%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — SPB1207 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SPB1207R50YZF	12.50	12.50	8.00	0.50	5.80	35000	13500
	SPB12071R0YZF	12.50	12.50	8.00	1.00	8.50	24000	10000
	SPB12071R5YZF	12.50	12.50	8.00	1.50	10.6	19000	8600
	SPB12072R2YZF	12.50	12.50	8.00	2.20	12.7	16000	8300
	SPB12073R3YZF	12.50	12.50	8.00	3.30	13.8	14000	8300
	SPB12074R5YZF	12.50	12.50	8.00	4.50	16.9	11800	6500
	SPB12076R8YZF	12.50	12.50	8.00	6.80	20.6	9700	5500
	SPB12078R2YZF	12.50	12.50	8.00	8.20	22.3	8500	5300
	SPB1207100MZF	12.50	12.50	8.00	10.0	23.8	7500	5200
	SPB1207150MZF	12.50	12.50	8.00	15.0	30.1	6000	4300
	SPB1207220MZF	12.50	12.50	8.00	22.0	39.1	5250	4000
	SPB1207330MZF	12.50	12.50	8.00	33.0	60.0	4150	3230
	SPB1207470MZF	12.50	12.50	8.00	47.0	71.9	3500	2950
	SPB1207680MZF	12.50	12.50	8.00	68.0	105	2950	2440
	SPB1207820MZF	12.50	12.50	8.00	82.0	143	2750	2090
	SPB1207101MZF	12.50	12.50	8.00	100	163	2560	1960
	SPB1207151MZF	12.50	12.50	8.00	150	247	2100	1590
	SPB1207221MZF	12.50	12.50	8.00	220	376	1640	1290
	SPB1207331MZF	12.50	12.50	8.00	330	574	1400	1040
	SPB1207471MZF	12.50	12.50	8.00	470	861	1170	850
	SPB1207681MZF	12.50	12.50	8.00	680	1080	930	760
	SPB1207821MZF	12.50	12.50	8.00	820	1470	860	650
	SPB1207102MZF	12.50	12.50	8.00	1000	1660	750	610

*Tolerance code : M = ±20%, Y= ±30%

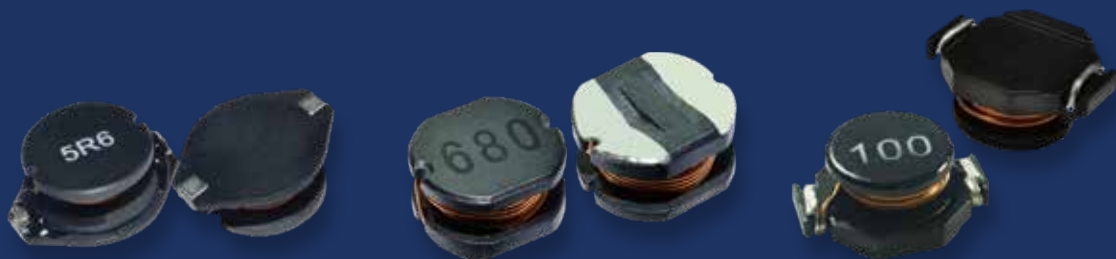
MAGNETIC COMPONENTS

SMD POWER INDUCTOR (UNSHIELDED)

PDB SERIES	169
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SMD POWER INDUCTOR (UNSHIELDED)

Superworld Electronics non-shielded SMD Power Inductors come in various shapes and sizes to fit a variety of design needs. Our Power Inductors feature a wide inductance range with low DCR and high current rating.



PDB SERIES

PDC SERIES

PDH SERIES

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB08053R3MZF	8.00	10.50	5.00	3.30	30.0	3700	3700
	PDB08054R7MZF	8.00	10.50	5.00	4.70	35.0	3300	3300
	PDB08056R8MZF	8.00	10.50	5.00	6.80	50.0	2700	2700
	PDB0805100MZF	8.00	10.50	5.00	10.00	60.0	2300	2300
	PDB0805150MZF	8.00	10.50	5.00	15.00	80.0	2100	2100
	PDB0805220MZF	8.00	10.50	5.00	22.00	130	1600	1600
	PDB0805330MZF	8.00	10.50	5.00	33.00	180	1300	1300
	PDB0805470MZF	8.00	10.50	5.00	47.00	260	1100	1100
	PDB0805680MZF	8.00	10.50	5.00	68.00	350	1100	1100
	PDB0805101MZF	8.00	10.50	5.00	100.00	580	700	700
	PDB0805151MZF	8.00	10.50	5.00	150.00	750	600	600
	PDB0805221MZF	8.00	10.50	5.00	220.00	1050	500	500
	PDB0805331MZF	8.00	10.50	5.00	330.00	1600	450	450

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB1003 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB1003100MZF	10.00	12.70	3.00	10.0	110	2000	2000
	PDB1003150MZF	10.00	12.70	3.00	15.0	150	1500	1500
	PDB1003220MZF	10.00	12.70	3.00	22.0	230	1300	1300
	PDB1003330MZF	10.00	12.70	3.00	33.0	300	1100	1100
	PDB1003470MZF	10.00	12.70	3.00	47.0	390	800	800
	PDB1003680MZF	10.00	12.70	3.00	68.0	660	700	700
	PDB1003101MZF	10.00	12.70	3.00	100	840	600	600
	PDB1003151MZF	10.00	12.70	3.00	150	1200	500	500
	PDB1003221MZF	10.00	12.70	3.00	220	1900	400	400
	PDB1003331MZF	10.00	12.70	3.00	330	2700	300	300
	PDB1003471MZF	10.00	12.70	3.00	470	4000	200	200
	PDB1003681MZF	10.00	12.70	3.00	680	5300	100	100
	PDB1003102MZF	10.00	12.70	3.00	1000	8400	50.0	50.0

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB10051R0MZP	10.00	12.70	5.00	1.00	9.00	6800	6800
	PDB10051R5MZP	10.00	12.70	5.00	1.50	10.0	6400	6400
	PDB10052R2MZP	10.00	12.70	5.00	2.20	12.0	6100	6100
	PDB10053R3MZP	10.00	12.70	5.00	3.30	15.0	5400	5400
	PDB10054R7MZP	10.00	12.70	5.00	4.70	18.0	4800	4800
	PDB10056R8MZP	10.00	12.70	5.00	6.80	27.0	4400	4400
	PDB1005100MZP	10.00	12.70	5.00	10.0	38.0	3900	3900
	PDB1005150MZP	10.00	12.70	5.00	15.0	46.0	3100	3100
	PDB1005220MZP	10.00	12.70	5.00	22.0	85.0	2700	2700
	PDB1005330MZP	10.00	12.70	5.00	33.0	100	2100	2100
	PDB1005470MZP	10.00	12.70	5.00	47.0	140	1800	1800
	PDB1005680MZP	10.00	12.70	5.00	68.0	200	1500	1500
	PDB1005101MZP	10.00	12.70	5.00	100	280	1300	1300
	PDB1005151MZP	10.00	12.70	5.00	150	400	1000	1000
	PDB1005221MZP	10.00	12.70	5.00	220	610	800	800
	PDB1005331MZP	10.00	12.70	5.00	330	1020	600	600
	PDB1005471MZP	10.00	12.70	5.00	470	1270	500	500
	PDB1005681MZP	10.00	12.70	5.00	680	2020	600	600
	PDB1005102MZP	10.00	12.70	5.00	1000	3000	500	500

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB1011 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB1011100MZF	10.00	12.70	11.00	10.0	40.0	3500	3500
	PDB1011150MZF	10.00	12.70	11.00	15.0	50.0	3200	3200
	PDB1011220MZF	10.00	12.70	11.00	22.0	66.0	2900	2900
	PDB1011330MZF	10.00	12.70	11.00	33.0	80.0	2350	2350
	PDB1011470MZF	10.00	12.70	11.00	47.0	110	2100	2100
	PDB1011680MZF	10.00	12.70	11.00	68.0	170	1900	1900
	PDB1011101MZF	10.00	12.70	11.00	100	220	1550	1550
	PDB1011151MZF	10.00	12.70	11.00	150	340	1350	1350
	PDB1011221MZF	10.00	12.70	11.00	220	440	1000	1000
	PDB1011331MZF	10.00	12.70	11.00	330	700	900	900
	PDB1011471MZF	10.00	12.70	11.00	470	950	750	750
	PDB1011681MZF	10.00	12.70	11.00	680	1200	550	550
	PDB1011102MZF	10.00	12.70	11.00	1000	2000	500	500

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB1507 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB15071R0MZ	15.00	18.40	7.00	1.00	9.00	8600	8600
	PDB15071R5MZ	15.00	18.40	7.00	1.50	12.0	7500	7500
	PDB15072R2MZ	15.00	18.40	7.00	2.20	14.0	7100	7100
	PDB15073R3MZ	15.00	18.40	7.00	3.30	18.0	6200	6200
	PDB15075R6MZ	15.00	18.40	7.00	5.60	20.0	5300	5300
	PDB1507100MZ	15.00	18.40	7.00	10.0	31.0	4300	4300
	PDB1507150MZ	15.00	18.40	7.00	15.0	36.0	4000	4000
	PDB1507220MZ	15.00	18.40	7.00	22.0	47.0	3500	3500
	PDB1507330MZ	15.00	18.40	7.00	33.0	66.0	3000	3000
	PDB1507470MZ	15.00	18.40	7.00	47.0	86.0	2600	2600
	PDB1507680MZ	15.00	18.40	7.00	68.0	130	2300	2300
	PDB1507101MZ	15.00	18.40	7.00	100	190	1800	1800
	PDB1507151MZ	15.00	18.40	7.00	150	250	1500	1500
	PDB1507221MZ	15.00	18.40	7.00	220	380	1200	1200
	PDB1507331MZ	15.00	18.40	7.00	330	560	1000	1000
	PDB1507471MZ	15.00	18.40	7.00	470	850	820	820
	PDB1507681MZ	15.00	18.40	7.00	680	1100	720	720
	PDB1507102MZ	15.00	18.40	7.00	1000	1800	560	560

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDB1511 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDB1511470MZ	15.00	18.40	11.50	47.0	55.0	3700	5200
	PDB1511680MZ	15.00	18.40	11.50	68.0	75.0	3100	4300
	PDB1511101MZ	15.00	18.40	11.50	100	125	2500	3600
	PDB1511151MZ	15.00	18.40	11.50	150	190	2000	3000
	PDB1511221MZ	15.00	18.40	11.50	220	280	1600	2500
	PDB1511331MZ	15.00	18.40	11.50	330	370	1400	2000
	PDB1511471MZ	15.00	18.40	11.50	470	510	1200	1600
	PDB1511681MZ	15.00	18.40	11.50	680	800	1000	1400
	PDB1511102MZ	15.00	18.40	11.50	1000	1100	800	1150
	PDB1511152MZ	15.00	18.40	11.50	1500	1600	600	950
	PDB1511222MZ	15.00	18.40	11.50	2200	2300	500	800
	PDB1511332MZ	15.00	18.40	11.50	3300	3600	400	650
	PDB1511472MZ	15.00	18.40	11.50	4700	5200	350	550
	PDB1511682MZ	15.00	18.40	11.50	6800	7700	300	450
	PDB1511103MZ	15.00	18.40	11.50	10000	11000	250	380

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0302 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC03021R0MZ	3.50	3.00	2.20	1.00	55.0	2500	2500
	PDC03021R4MZ	3.50	3.00	2.20	1.40	60.0	2000	2000
	PDC03021R8MZ	3.50	3.00	2.20	1.80	70.0	1900	1900
	PDC03022R2MZ	3.50	3.00	2.20	2.20	90.0	1700	1700
	PDC03022R7MZ	3.50	3.00	2.20	2.70	100	1600	1600
	PDC03023R3MZ	3.50	3.00	2.20	3.30	130	1300	1300
	PDC03023R9MZ	3.50	3.00	2.20	3.90	150	1200	1200
	PDC03024R7MZ	3.50	3.00	2.20	4.70	180	1100	1100
	PDC03025R6MZ	3.50	3.00	2.20	5.60	210	1000	1000
	PDC03026R8MZ	3.50	3.00	2.20	6.80	230	950	950
	PDC03028R2MZ	3.50	3.00	2.20	8.20	310	900	900
	PDC0302100MZ	3.50	3.00	2.20	10.0	350	800	800
	PDC0302120MZ	3.50	3.00	2.20	12.0	390	700	700
	PDC0302150MZ	3.50	3.00	2.20	15.0	540	650	650
	PDC0302180MZ	3.50	3.00	2.20	18.0	620	600	600
	PDC0302220MZ	3.50	3.00	2.20	22.0	720	550	550
	PDC0302270MZ	3.50	3.00	2.20	27.0	820	500	500
	PDC0302330MZ	3.50	3.00	2.20	33.0	1100	450	450
	PDC0302390MZ	3.50	3.00	2.20	39.0	1200	400	400
	PDC0302470MZ	3.50	3.00	2.20	47.0	1600	380	380

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0403 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC04031R0MZ	4.50	4.00	3.20	1.00	33.00	3800	3800
	PDC04031R4MZ	4.50	4.00	3.20	1.40	38.00	3300	3300
	PDC04031R8MZ	4.50	4.00	3.20	1.80	42.00	2910	2910
	PDC04032R2MZ	4.50	4.00	3.20	2.20	47.00	2600	2600
	PDC04032R7MZ	4.50	4.00	3.20	2.70	52.00	2430	2430
	PDC04033R3MZ	4.50	4.00	3.20	3.30	58.00	2150	2150
	PDC04033R9MZ	4.50	4.00	3.20	3.90	76.00	1980	1980
	PDC04034R7MZ	4.50	4.00	3.20	4.70	94.00	1700	1700
	PDC04035R6MZ	4.50	4.00	3.20	5.60	101.00	1600	1600
	PDC04036R8MZ	4.50	4.00	3.20	6.80	117.00	1410	1410
	PDC04038R2MZ	4.50	4.00	3.20	8.20	132.00	1260	1260
	PDC0403100MZ	4.50	4.00	3.20	10.00	182.00	1150	1150
	PDC0403120MZ	4.50	4.00	3.20	12.00	210.00	1050	1050
	PDC0403150MZ	4.50	4.00	3.20	15.00	235.00	920	920
	PDC0403180MZ	4.50	4.00	3.20	18.00	338.00	840	840
	PDC0403220MZ	4.50	4.00	3.20	22.00	378.00	760	760
	PDC0403270MZ	4.50	4.00	3.20	27.00	522.00	710	710
	PDC0403330KZ	4.50	4.00	3.20	33.00	540.00	640	640
	PDC0403390KZ	4.50	4.00	3.20	39.00	587.00	590	590
	PDC0403470KZ	4.50	4.00	3.20	47.00	844.00	540	540
	PDC0403560KZ	4.50	4.00	3.20	56.00	937.00	500	500
	PDC0403680KZ	4.50	4.00	3.20	68.00	1117.00	460	460

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0502 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC05021R0MZP	5.80	5.20	2.50	1.00	30.0	4800	4800
	PDC05021R4MZP	5.80	5.20	2.50	1.40	35.0	4200	4200
	PDC05021R8MZP	5.80	5.20	2.50	1.80	40.0	3800	3800
	PDC05022R2MZP	5.80	5.20	2.50	2.20	50.0	3500	3500
	PDC05022R7MZP	5.80	5.20	2.50	2.70	55.0	3100	3100
	PDC05023R3MZP	5.80	5.20	2.50	3.30	70.0	3000	3000
	PDC05023R9MZP	5.80	5.20	2.50	3.90	80.0	2800	2800
	PDC05024R7MZP	5.80	5.20	2.50	4.70	90.0	2700	2700
	PDC05025R6MZP	5.80	5.20	2.50	5.60	110	2200	2200
	PDC05026R8MZP	5.80	5.20	2.50	6.80	140	1900	1900
	PDC05028R2MZP	5.80	5.20	2.50	8.20	150	1800	1800
	PDC0502100MZP	5.80	5.20	2.50	10.0	165	1500	1500
	PDC0502120MZP	5.80	5.20	2.50	12.0	250	1400	1400
	PDC0502150MZP	5.80	5.20	2.50	15.0	280	1200	1200
	PDC0502180MZP	5.80	5.20	2.50	18.0	320	1100	1100
	PDC0502220MZP	5.80	5.20	2.50	22.0	420	1000	1000
	PDC0502270MZP	5.80	5.20	2.50	27.0	450	900	900
	PDC0502330MZP	5.80	5.20	2.50	33.0	550	800	800
	PDC0502390MZP	5.80	5.20	2.50	39.0	580	750	750
	PDC0502470MZP	5.80	5.20	2.50	47.0	830	700	700
	PDC0502560MZP	5.80	5.20	2.50	56.0	900	650	650
	PDC0502680MZP	5.80	5.20	2.50	68.0	970	600	600

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0502 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC0502820MZ	5.80	5.20	2.50	82.0	1200	550	550
	PDC0502101MZ	5.80	5.20	2.50	100	1500	500	500
	PDC0502121MZ	5.80	5.20	2.50	120	1700	470	470
	PDC0502151MZ	5.80	5.20	2.50	150	1950	450	450
	PDC0502181MZ	5.80	5.20	2.50	180	2600	400	400
	PDC0502221MZ	5.80	5.20	2.50	220	3400	350	350
	PDC0502271MZ	5.80	5.20	2.50	270	4000	300	300
	PDC0502331MZ	5.80	5.20	2.50	330	4500	270	270
	PDC0502391MZ	5.80	5.20	2.50	390	5000	250	250
	PDC0502471MZ	5.80	5.20	2.50	470	7000	230	230
	PDC0502561MZ	5.80	5.20	2.50	560	8000	210	210

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0504 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC05041R0MZ	5.80	5.20	4.50	1.00	15.0	5900	5900
	PDC05041R2MZ	5.80	5.20	4.50	1.20	20.0	5200	5200
	PDC05041R5MZ	5.80	5.20	4.50	1.50	25.0	4700	4700
	PDC05041R8MZ	5.80	5.20	4.50	1.80	30.0	4000	4000
	PDC05042R2MZ	5.80	5.20	4.50	2.20	35.0	3800	3800
	PDC05042R7MZ	5.80	5.20	4.50	2.70	40.0	3400	3400
	PDC05043R3MZ	5.80	5.20	4.50	3.30	45.0	3300	3300
	PDC05043R9MZ	5.80	5.20	4.50	3.90	50.0	2900	2900
	PDC05044R7MZ	5.80	5.20	4.50	4.70	60.0	2800	2800
	PDC05045R6MZ	5.80	5.20	4.50	5.60	70.0	2400	2400
	PDC05046R8MZ	5.80	5.20	4.50	6.80	80.0	2100	2100
	PDC05048R2MZ	5.80	5.20	4.50	8.20	90.0	2000	2000
	PDC0504100MZ	5.80	5.20	4.50	10.0	100	1440	1440
	PDC0504120MZ	5.80	5.20	4.50	12.0	120	1400	1400
	PDC0504150MZ	5.80	5.20	4.50	15.0	140	1300	1300
	PDC0504180MZ	5.80	5.20	4.50	18.0	150	1230	1230
	PDC0504220MZ	5.80	5.20	4.50	22.0	180	1110	1110
	PDC0504270MZ	5.80	5.20	4.50	27.0	200	970	970
	PDC0504330KZ	5.80	5.20	4.50	33.0	230	880	880
	PDC0504390KZ	5.80	5.20	4.50	39.0	320	800	800
	PDC0504470KZ	5.80	5.20	4.50	47.0	370	720	720
	PDC0504560KZ	5.80	5.20	4.50	56.0	420	680	680

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0504 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC0504680MZF	5.80	5.20	4.50	68.0	460	610	610
	PDC0504820MZF	5.80	5.20	4.50	82.0	600	580	580
	PDC0504101MZF	5.80	5.20	4.50	100	700	520	520
	PDC0504121MZF	5.80	5.20	4.50	120	930	480	480
	PDC0504151MZF	5.80	5.20	4.50	150	1100	400	400
	PDC0504181MZF	5.80	5.20	4.50	180	1380	380	380
	PDC0504221MZF	5.80	5.20	4.50	220	1570	350	350

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0703 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC0703100MZF	7.80	7.00	3.50	10.0	80.3	1440	1440
	PDC0703120MZF	7.80	7.00	3.50	12.0	89.7	1390	1390
	PDC0703150MZF	7.80	7.00	3.50	15.0	104	1240	1240
	PDC0703180MZF	7.80	7.00	3.50	18.0	111	1120	1120
	PDC0703220MZF	7.80	7.00	3.50	22.0	129	1070	1070
	PDC0703270MZF	7.80	7.00	3.50	27.0	153	940	940
	PDC0703330MZF	7.80	7.00	3.50	33.0	170	850	850
	PDC0703390MZF	7.80	7.00	3.50	39.0	217	740	740
	PDC0703470MZF	7.80	7.00	3.50	47.0	252	680	680
	PDC0703560KZF	7.80	7.00	3.50	56.0	282	640	640
	PDC0703680KZF	7.80	7.00	3.50	68.0	332	590	590
	PDC0703820KZF	7.80	7.00	3.50	82.0	406	540	540
	PDC0703101KZF	7.80	7.00	3.50	100	481	510	510
	PDC0703121KZF	7.80	7.00	3.50	120	536	490	490
	PDC0703151KZF	7.80	7.00	3.50	150	755	400	400
	PDC0703181KZF	7.80	7.00	3.50	180	1022	360	360
	PDC0703221KZF	7.80	7.00	3.50	220	1200	310	310
	PDC0703271KZF	7.80	7.00	3.50	270	1306	290	290
	PDC0703331KZF	7.80	7.00	3.50	330	1495	280	280

*Tolerance code : M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC0705 SERIES

Item	Part Number	Dimension (mm) (L) (W) (H)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
	PDC0705100MZF	7.80	7.00	5.00	10.0	70.0	2300	2300
	PDC0705120MZF	7.80	7.00	5.00	12.0	80.0	2000	2000
	PDC0705150MZF	7.80	7.00	5.00	15.0	90.0	1800	1800
	PDC0705180MZF	7.80	7.00	5.00	18.0	100	1600	1600
	PDC0705220MZF	7.80	7.00	5.00	22.0	110	1500	1500
	PDC0705270MZF	7.80	7.00	5.00	27.0	120	1300	1300
	PDC0705330MZF	7.80	7.00	5.00	33.0	130	1200	1200
	PDC0705390MZF	7.80	7.00	5.00	39.0	160	1100	1100
	PDC0705470KZF	7.80	7.00	5.00	47.0	180	1100	1100
	PDC0705560KZF	7.80	7.00	5.00	56.0	240	940	940
	PDC0705680KZF	7.80	7.00	5.00	68.0	280	850	850
	PDC0705820KZF	7.80	7.00	5.00	82.0	370	780	780
	PDC0705101KZF	7.80	7.00	5.00	100	430	720	720
	PDC0705121KZF	7.80	7.00	5.00	120	470	660	660
	PDC0705151KZF	7.80	7.00	5.00	150	640	580	580
	PDC0705181KZF	7.80	7.00	5.00	180	710	510	510
	PDC0705221KZF	7.80	7.00	5.00	220	960	490	490
	PDC0705271KZF	7.80	7.00	5.00	270	1110	420	420
	PDC0705331KZF	7.80	7.00	5.00	330	1260	400	400
	PDC0705391KZF	7.80	7.00	5.00	390	1770	360	360
	PDC0705471KZF	7.80	7.00	5.00	470	1960	340	340

*Tolerance code : K = ±10%, M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC1004 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC1004100MZF	10.00	9.00	4.00	10.0	53.0	2380	2380
	PDC1004120MZF	10.00	9.00	4.00	12.0	61.0	2130	2130
	PDC1004150MZF	10.00	9.00	4.00	15.0	70.0	1870	1870
	PDC1004180MZF	10.00	9.00	4.00	18.0	81.0	1730	1730
	PDC1004220MZF	10.00	9.00	4.00	22.0	88.0	1600	1600
	PDC1004270MZF	10.00	9.00	4.00	27.0	100	1440	1440
	PDC1004330MZF	10.00	9.00	4.00	33.0	120	1260	1260
	PDC1004390MZF	10.00	9.00	4.00	39.0	151	1200	1200
	PDC1004470KZF	10.00	9.00	4.00	47.0	170	1100	1100
	PDC1004560KZF	10.00	9.00	4.00	56.0	199	1010	1010
	PDC1004680KZF	10.00	9.00	4.00	68.0	223	910	910
	PDC1004820KZF	10.00	9.00	4.00	82.0	252	850	850
	PDC1004101KZF	10.00	9.00	4.00	100	344	740	740
	PDC1004121KZF	10.00	9.00	4.00	120	396	690	690
	PDC1004151KZF	10.00	9.00	4.00	150	544	610	610
	PDC1004181KZF	10.00	9.00	4.00	180	621	560	560
	PDC1004221KZF	10.00	9.00	4.00	220	721	530	530
	PDC1004271KZF	10.00	9.00	4.00	270	949	450	450
	PDC1004331KZF	10.00	9.00	4.00	330	1100	420	420
	PDC1004391KZF	10.00	9.00	4.00	390	1245	380	380
	PDC1004471KZF	10.00	9.00	4.00	470	1526	350	350
	PDC1004561KZF	10.00	9.00	4.00	560	1904	320	320

*Tolerance code : K = ±10%, M = ±20%

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC1005100MZF	10.00	9.00	5.40	10.0	60.0	2600	2600
	PDC1005120MZF	10.00	9.00	5.40	12.0	70.0	2450	2450
	PDC1005150MZF	10.00	9.00	5.40	15.0	80.0	2270	2270
	PDC1005180MZF	10.00	9.00	5.40	18.0	90.0	2150	2150
	PDC1005220MZF	10.00	9.00	5.40	22.0	100	1950	1950
	PDC1005270MZF	10.00	9.00	5.40	27.0	110	1760	1760
	PDC1005330MZF	10.00	9.00	5.40	33.0	120	1500	1500
	PDC1005390MZF	10.00	9.00	5.40	39.0	140	1370	1370
	PDC1005470KZF	10.00	9.00	5.40	47.0	170	1280	1280
	PDC1005560KZF	10.00	9.00	5.40	56.0	190	1170	1170
	PDC1005680KZF	10.00	9.00	5.40	68.0	220	1110	1110
	PDC1005820KZF	10.00	9.00	5.40	82.0	250	1000	1000
	PDC1005101KZF	10.00	9.00	5.40	100	350	970	970
	PDC1005121KZF	10.00	9.00	5.40	120	400	890	890
	PDC1005151KZF	10.00	9.00	5.40	150	470	780	780
	PDC1005181KZF	10.00	9.00	5.40	180	630	720	720
	PDC1005221KZF	10.00	9.00	5.40	220	730	660	660
	PDC1005271KZF	10.00	9.00	5.40	270	970	570	570
	PDC1005331KZF	10.00	9.00	5.40	330	1150	520	520
	PDC1005391KZF	10.00	9.00	5.40	390	1300	480	480
	PDC1005471KZF	10.00	9.00	5.40	470	1480	420	420
	PDC1005561KZF	10.00	9.00	5.40	560	1900	330	330

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDC1005 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDC1005681KZF	10.00	9.00	5.40	680	2250	280	280
	PDC1005821KZF	10.00	9.00	5.40	820	2550	240	240

SMD POWER INDUCTOR — PDH3316 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDH3316R33MZF	9.91	13.50	6.35	0.33	2.00	16000	20000
	PDH3316R68MZF	9.91	13.50	6.35	0.68	5.00	12000	13000
	PDH33161R0MZF	9.91	13.50	6.35	1.00	6.00	10000	11000
	PDH33161R5MZF	9.91	13.50	6.35	1.50	8.00	9000	9000
	PDH33162R2MZF	9.91	13.50	6.35	2.20	11.0	7400	7800
	PDH33162R7MZF	9.91	13.50	6.35	2.70	12.0	6600	7000
	PDH33163R3MZF	9.91	13.50	6.35	3.30	14.0	5900	6400
	PDH33164R7MZF	9.91	13.50	6.35	4.70	18.0	4800	5400
	PDH33165R6MZF	9.91	13.50	6.35	5.60	22.0	4600	5000
	PDH33166R8MZF	9.91	13.50	6.35	6.80	27.0	4400	4600
	PDH33168R2MZF	9.91	13.50	6.35	8.20	32.0	4000	4000
	PDH3316100MZF	9.91	13.50	6.35	10.0	38.0	3900	3800

MAGNETIC COMPONENTS

SMD POWER INDUCTOR — PDH5022 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	PDH5022R78MZF	16.26	22.35	8.00	0.78	2.60	15000	30000
	PDH50221R5MZF	16.26	22.35	8.00	1.50	4.00	15000	25000
	PDH50222R2MZF	16.26	22.35	8.00	2.20	6.10	12000	20000
	PDH50223R3MZF	16.26	22.35	8.00	3.30	8.60	10000	17000
	PDH50223R9MZF	16.26	22.35	8.00	3.90	10.0	9000	15000
	PDH50224R7MZF	16.26	22.35	8.00	4.70	14.0	8400	13000
	PDH50226R0MZF	16.26	22.35	8.00	6.00	17.0	7500	12000
	PDH50227R8MZF	16.26	22.35	8.00	7.80	18.0	7500	11000
	PDH5022100MZF	16.26	22.35	8.00	10.0	26.0	6000	10000
	PDH5022150MZF	16.26	22.35	8.00	15.0	32.0	4400	8000

MAGNETIC COMPONENTS

COMMON MODE FILTER

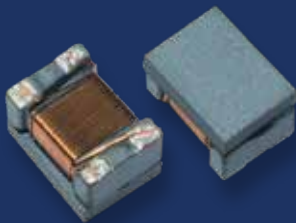
W_F SERIES	189
WAQ5 SERIES	191
W7F SERIES	191
WAQ7 SERIES	192
WAQD SERIES	193
W1210F SERIES	193
W2012F SERIES	194
WQC SERIES	194
WAE SERIES	195
WQ3F SERIES	196

COMMON MODE FILTER

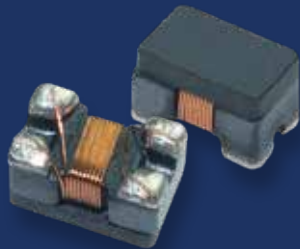
Superworld Electronics Common Mode Filter is the best solution preventing excessive noise from being conducted between electronic device and the AC line. We offered a wide range of common mode for different applications in a small and low-profile form.



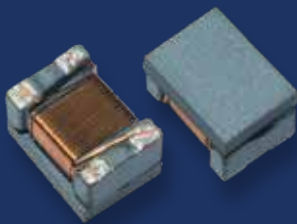
W_F SERIES



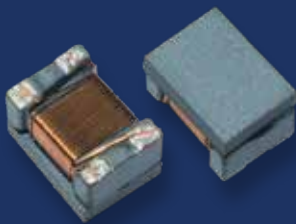
WAQ5 SERIES



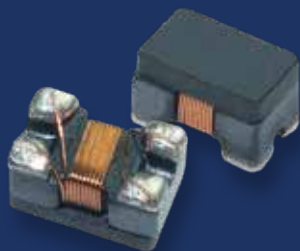
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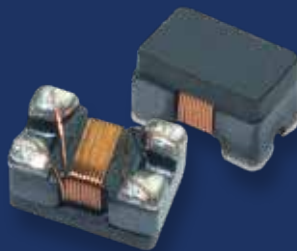
WAQ7 SERIES



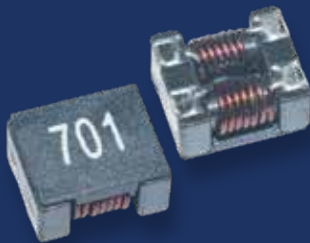
WAQD SERIES



W1210F SERIES



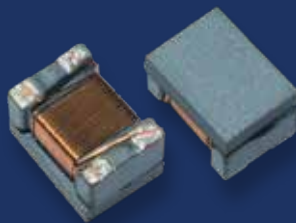
W2012F SERIES



WQC SERIES



WAE SERIES



WQ3F SERIES

MAGNETIC COMPONENTS

COMMON MODE FILTER — W2F SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W2F900-RF-10	1.60	0.85	1.10	90.0	145	550	550
	W2F121-RE-10	1.60	0.85	1.10	120	175	450	450

COMMON MODE FILTER — W3F SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W3F670-RD-10	2.00	1.20	1.20	67.0	250	400	400
	W3F900-RD-10	2.00	1.20	1.20	90.0	300	400	400
	W3F121-RD-10	2.00	1.20	1.20	120	300	400	400
	W3F161-RC-10	2.00	1.20	1.20	160	350	350	350
	W3F181-RC-10	2.00	1.20	1.20	180	350	350	350
	W3F201-RC-10	2.00	1.20	1.20	200	400	300	300
	W3F221-RC-10	2.00	1.20	1.20	220	400	300	300
	W3F261-RC-10	2.00	1.20	1.20	260	400	300	300
	W3F361-RC-10	2.00	1.20	1.20	360	500	300	300

MAGNETIC COMPONENTS

COMMON MODE FILTER — W4F SERIES

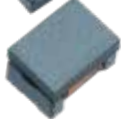
Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W4F300-RD-10	3.20	1.60	2.00	30.0	200	400	400
	W4F670-RD-10	3.20	1.60	2.00	67.0	300	400	400
	W4F800-RD-10	3.20	1.60	2.00	80.0	300	400	400
	W4F900-RD-10	3.20	1.60	2.00	90.0	300	400	400
	W4F121-RD-10	3.20	1.60	2.00	120	300	350	350
	W4F161-RD-10	3.20	1.60	2.00	160	400	350	350
	W4F181-RD-10	3.20	1.60	2.00	180	400	340	340
	W4F221-RC-10	3.20	1.60	2.00	220	450	300	300
	W4F261-RC-10	3.20	1.60	2.00	260	500	300	300
	W4F281-RC-10	3.20	1.60	2.00	280	500	300	300
	W4F301-RC-10	3.20	1.60	2.00	300	600	300	300
	W4F361-RC-10	3.20	1.60	2.00	360	600	300	300
	W4F431-RC-10	3.20	1.60	2.00	430	800	300	300
	W4F471-RC-10	3.20	1.60	2.00	470	800	300	300
	W4F551-RC-10	3.20	1.60	2.00	550	800	300	300
	W4F601-RC-10	3.20	1.60	2.00	600	800	300	300
	W4F102-RB-10	3.20	1.60	2.00	1000	1000	200	200
	W4F222-RB-10	3.20	1.60	2.00	2200	1200	200	200

MAGNETIC COMPONENTS

COMMON MODE FILTER — W5F SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
 	W5F900-RJ-10	3.20	2.50	2.20	90	50	1000	1000
	W5F601-RJ-10	3.20	2.50	2.20	600	200	1000	1000
	W5F102-RD-10	3.20	2.50	2.20	1000	300	400	400

COMMON MODE FILTER — WAQ5FD SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)
		(L)	(W)	(H)				
 	WAQ5FD110-RC-10	3.20	2.50	2.50	11.0	550	400	300
	WAQ5FD220-RB-10	3.20	2.50	2.50	22.0	1100	500	250
	WAQ5FD510-RB-10	3.20	2.50	2.50	51.0	2600	700	200
	WAQ5FD101-RA-10	3.20	2.50	2.50	100	5100	1500	150



AEC-Q200 | Please refer to our website for automotive part information

COMMON MODE FILTER — W7F SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
 	W7F800-RN-10	4.50	3.20	2.80	80.0	50.0	3000	3000
	W7F900-RN-10	4.50	3.20	2.80	90.0	50.0	3000	3000
	W7F121-RN-10	4.50	3.20	2.80	120	50.0	3000	3000
	W7F201-RK-10	4.50	3.20	2.80	200	100	1500	1500
	W7F601-RK-10	4.50	3.20	2.80	600	240	1500	1500
	W7F801-RK-10	4.50	3.20	2.80	800	240	1000	1000

MAGNETIC COMPONENTS

COMMON MODE FILTER — WAQ7FND SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)
		(L)	(W)	(H)				
 	WAQ7FND110-RC-10	4.50	3.20	2.80	11.0	600	600	360
	WAQ7FND220-RC-10	4.50	3.20	2.80	22.0	1200	1000	310
	WAQ7FND510-RB-10	4.50	3.20	2.80	51.0	2800	1000	230
	WAQ7FND101-RB-10	4.50	3.20	2.80	100	5800	2000	200



AEC-Q200 | Please refer to our website for automotive part information

COMMON MODE FILTER — WAQ7FW SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
 	WAQ7FW201-RA-10	4.50	3.20	2.80	200	4500	100	100



AEC-Q200 | Please refer to our website for automotive part information

COMMON MODE FILTER — WAQ7FNT SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
 	WAQ7FNT101-RD-10	4.60	3.20	2.90	100	4200	100	100
	WAQ7FNT161-RA-10	4.60	3.20	2.90	160	5000	100	100



AEC-Q200 | Please refer to our website for automotive part information

MAGNETIC COMPONENTS

COMMON MODE FILTER — WAQDFNT SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WAQDFNT101-RD-10	6.50	4.50	2.70	100	2000	350	350

 AEC-Q200 | Please refer to our website for automotive part information

COMMON MODE FILTER — W1210F SERIES

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W1210F500-RC-10	1.20	1.00	0.90	50.0	300	250	250
	W1210F670-RC-10	1.20	1.00	0.90	67.0	300	250	250
	W1210F900-RB-10	1.20	1.00	0.90	90.0	400	200	200

MAGNETIC COMPONENTS

COMMON MODE FILTER — W2012F SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W2012F500-RD-10	2.00	1.20	1.20	50.0	250	400	400
	W2012F670-RD-10	2.00	1.20	1.20	67.0	300	400	400
	W2012F900-RD-10	2.00	1.20	1.20	90.0	300	400	400

COMMON MODE FILTER — WQC SERIES

Item	Part Number	Dimension (mm)			Impedence (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WQC501-RR-10	7.50	6.00	3.80	350	11.0	5000	5000
	WQC601-RP-10	7.50	6.00	3.80	700	15.0	4000	4000
	WQC701-RP-10	7.50	6.00	3.80	700	15.0	4000	4000
	WQC102-RN-10	7.50	6.00	3.80	1020	17.0	3000	3000

MAGNETIC COMPONENTS

COMMON MODE FILTER — WAEI SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WAEI445R0-RK-10	9.10	5.17	3.80	5.00	60.0	1200	1200
	WAEI46110-RJ-10	9.10	5.17	3.80	11.0	80.0	1000	1000
	WAEI46250-RK-10	9.10	5.17	3.80	25.0	110	1000	1000
	WAEI46510-RH-10	9.10	5.17	3.80	51.0	300	800	800

COMMON MODE FILTER — WAEZ SERIES

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WAEZ46101-RL-10	9.10	5.17	3.80	100	100	2000	2000
	WAEZ44201-RL-10	9.10	5.17	3.90	200	120	2000	2000
	WAEZ44301-RL-10	9.10	5.17	3.90	300	120	2000	2000
	WAEZ44501-RE-10	9.10	5.17	3.90	500	150	500	500
	WAEZ44102-RE-10	9.10	5.17	3.90	1000	250	500	500
	WAEZ46601-RE-10	9.10	5.17	3.80	600	250	500	500
	WAEZ46102-RE-10	9.10	5.17	3.80	1000	300	500	500

MAGNETIC COMPONENTS

COMMON MODE FILTER — WQ3F SERIES

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WQ3F670-RD-10	2.00	1.20	1.20	67.0	250	400	400
	WQ3F900-RD-10	2.00	1.20	1.20	90.0	300	400	400
	WQ3F121-RD-10	2.00	1.20	1.20	120	300	400	400
	WQ3F161-RC-10	2.00	1.20	1.20	160	350	350	350
	WQ3F181-RC-10	2.00	1.20	1.20	180	350	350	350
	WQ3F201-RC-10	2.00	1.20	1.20	200	400	300	300
	WQ3F221-RC-10	2.00	1.20	1.20	220	400	300	300
	WQ3F261-RC-10	2.00	1.20	1.20	260	400	300	300
	WQ3F361-RC-10	2.00	1.20	1.20	360	500	300	300

 AEC-Q200 | Please refer to our website for automotive part information

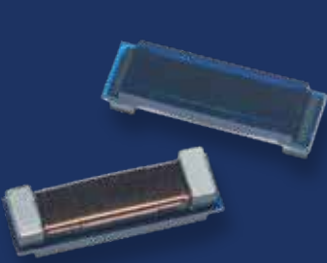
MAGNETIC COMPONENTS

TRANSPONDER COIL

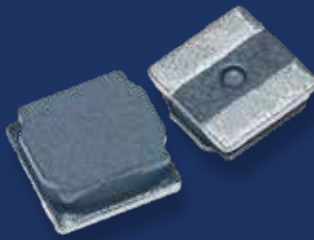
W1225 SERIES	199
W3012E SERIES	199
W3225F SERIES	199
W4420F SERIES	199
W4420F-DS SERIES	200
W6420F SERIES	200
WQ8027 SERIES	200

TRANSPONDER COIL

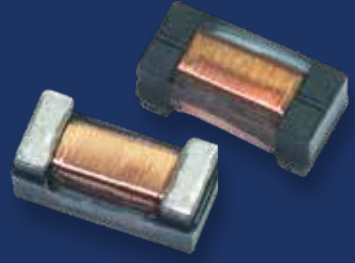
Superworld Electronics Transponder Coils are designed for application in immobilizer systems, passive entry / passive start (PEPS) and tire pressure monitoring system (TPMS). It is ideal for higher temperature applications, harsh environments and meeting AEC-Q200 standard.



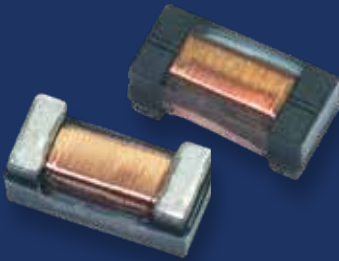
W1225 SERIES



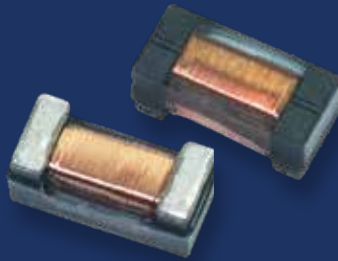
W3012E SERIES



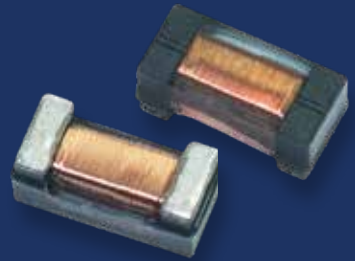
W3225F SERIES



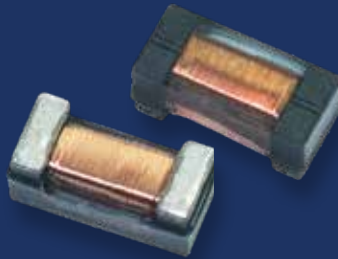
W4420F SERIES



W4420-DS SERIES



W6420F SERIES



WQ8027 SERIES

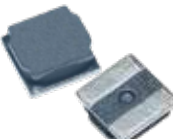
MAGNETIC COMPONENTS

TRANSPONDER COIL — W1225F SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W1225F-101K	11.60	3.80	2.50	100	3000	300	300
	W1225F-232M	11.60	3.80	2.50	2300	40000	50.0	50.0
	W1225F-492J	11.60	3.80	2.50	4900	50000	50.0	50.0
	W1225F-722J	11.60	3.80	2.50	7200	40000	50.0	50.0

 AEC-Q200 | Please refer to our website for automotive part information

TRANSPONDER COIL — W3012E SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W3012E-501M	3.00	3.00	1.20	500	18000	80.0	80.0
	W3012E-681K	3.00	3.00	1.20	680	22000	80.0	80.0

 AEC-Q200 | Please refer to our website for automotive part information

TRANSPONDER COIL — W3225F SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W3225F-102J	3.60	2.80	2.60	1080	35000	50.0	50.0
	W3225F-132J	3.60	2.80	2.60	1340	42000	50.0	50.0

 AEC-Q200 | Please refer to our website for automotive part information

TRANSPONDER COIL — W4420F SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W4420F-252M-F10	4.75	2.25	1.80	2500	82000	40.0	40.0
	W4420F-352K-F10	4.75	2.25	1.80	3500	85000	20.0	20.0

 AEC-Q200 | Please refer to our website for automotive part information

MAGNETIC COMPONENTS

TRANSPONDER COIL — W4420F-DS SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W4420F352KF10DS	4.55	2.20	2.00	3500	85000	20.0	20.0
	W4420F492KF10DS	4.55	2.20	2.00	4900	109000	20.0	20.0



AEC-Q200 | Please refer to our website for automotive part information

TRANSPONDER COIL — W6420F SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	W6420F-701K-F10	6.40	2.30	1.80	700	12000	80.0	80.0
	W6420F-532K-F10	6.40	2.30	1.80	5300	66000	30.0	30.0
	W6420F-722K-F10	6.40	2.30	1.80	7200	130000	15.0	15.0



AEC-Q200 | Please refer to our website for automotive part information

TRANSPONDER COIL — WQ8027 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	WQ8027452J	7.85	2.70	2.70	4500	80000	20.0	20.0
	WQ8027492J	7.85	2.70	2.70	4900	85000	20.0	20.0
	WQ8027722J	7.85	2.70	2.70	7200	105000	20.0	20.0
	WQ8027193J	7.85	2.70	2.70	18520	240000	20.0	20.0



AEC-Q200 | Please refer to our website for automotive part information

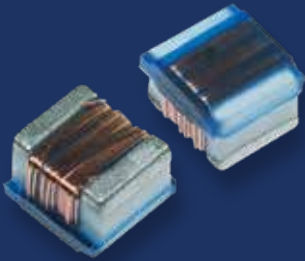
MAGNETIC COMPONENTS

WIREWOUND INDUCTOR

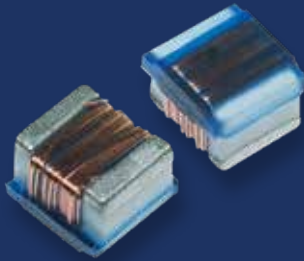
SCI0402C SERIES	203
SCI0603C SERIES	206
SCI0805C SERIES	209
SCI1008C SERIES	213

WIREWOUND INDUCTOR

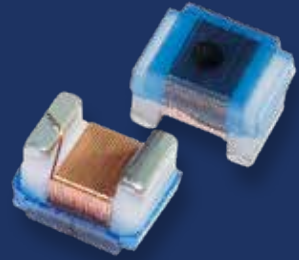
Superworld Electronics Wirewound Inductor are constructed using low loss ceramic material to achieve high frequency performance. This inductor is of low DCR, high Q value and support large current application.



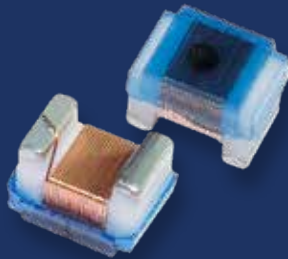
SCI0402C SERIES



SCI0603C SERIES



SCI0805C SERIES



SCI1008C SERIES

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0402C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0402C1N0□	1.19	0.70	0.66	1.00	45.0	1360	1360
	SCI0402C1N2□	1.19	0.70	0.66	1.20	140	640	640
	SCI0402C1N3□	1.19	0.70	0.66	1.30	140	640	640
	SCI0402C1N9□	1.19	0.70	0.66	1.90	70.0	1040	1040
	SCI0402C2N0□	1.19	0.70	0.66	2.00	70.0	1040	1040
	SCI0402C2N2□	1.19	0.70	0.66	2.20	70.0	960	960
	SCI0402C2N4□	1.19	0.70	0.66	2.40	68.0	790	790
	SCI0402C2N5□	1.19	0.70	0.66	2.50	150	640	640
	SCI0402C2N7□	1.19	0.70	0.66	2.70	120	640	640
	SCI0402C3N3□	1.19	0.70	0.66	3.30	66.0	840	840
	SCI0402C3N6□	1.19	0.70	0.66	3.60	66.0	840	840
	SCI0402C3N9□	1.19	0.70	0.66	3.90	66.0	840	840
	SCI0402C4N3□	1.19	0.70	0.66	4.30	91.0	700	700
	SCI0402C4N7□	1.19	0.70	0.66	4.70	130	640	640
	SCI0402C5N1□	1.19	0.70	0.66	5.10	83.0	800	800

Tolerance: B= ±0.1nH, C= ±0.2nH, G= ±2%, J= ±5%, K= ±10%.

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCIO402C SERIES

Item	Part Number	Dimension (mm) (L) (W) (H)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
	SCIO402C5N6□	1.19	0.70	0.66	5.60	83.0	760	760
	SCIO402C5N8□	1.19	0.70	0.66	5.80	83.0	760	760
	SCIO402C6N2□	1.19	0.70	0.66	6.20	83.0	760	760
	SCIO402C6N8□	1.19	0.70	0.66	6.80	83.0	680	680
	SCIO402C7N3□	1.19	0.70	0.66	7.30	120	680	680
	SCIO402C7N5□	1.19	0.70	0.66	7.50	100	680	680
	SCIO402C8N2□	1.19	0.70	0.66	8.20	100	680	680
	SCIO402C8N7□	1.19	0.70	0.66	8.70	200	480	480
	SCIO402C9N0□	1.19	0.70	0.66	9.00	100	680	680
	SCIO402C9N1□	1.19	0.70	0.66	9.10	100	680	680
	SCIO402C9N5□	1.19	0.70	0.66	9.50	200	480	480
	SCIO402C10N□	1.19	0.70	0.66	10.0	200	480	480
	SCIO402C11N□	1.19	0.70	0.66	11.0	120	640	640
	SCIO402C12N□	1.19	0.70	0.66	12.0	120	640	640
	SCIO402C13N□	1.19	0.70	0.66	13.0	210	440	440
	SCIO402C15N□	1.19	0.70	0.66	15.0	170	560	560
	SCIO402C16N□	1.19	0.70	0.66	16.0	220	560	560
	SCIO402C18N□	1.19	0.70	0.66	18.0	230	420	420
	SCIO402C19N□	1.19	0.70	0.66	19.0	200	480	480
	SCIO402C20N□	1.19	0.70	0.66	20.0	250	420	420
	SCIO402C22N□	1.19	0.70	0.66	22.0	300	400	400
	SCIO402C23N□	1.19	0.70	0.66	23.0	300	400	400
	SCIO402C24N□	1.19	0.70	0.66	24.0	300	400	400

Tolerance: B= ±0.1nH, C= ±0.2nH, G= ±2%, J= ±5%, K= ±10%.

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0402C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0402C27N□	1.19	0.70	0.66	27.0	300	400	400
	SCI0402C30N□	1.19	0.70	0.66	30.0	350	400	400
	SCI0402C33N□	1.19	0.70	0.66	33.0	400	400	400
	SCI0402C36N□	1.19	0.70	0.66	36.0	440	320	320
	SCI0402C39N□	1.19	0.70	0.66	39.0	550	200	200
	SCI0402C40N□	1.19	0.70	0.66	40.0	650	320	320
	SCI0402C43N□	1.19	0.70	0.66	43.0	810	100	100
	SCI0402C47N□	1.19	0.70	0.66	47.0	830	150	150
	SCI0402C51N□	1.19	0.70	0.66	51.0	820	100	100
	SCI0402C56N□	1.19	0.70	0.66	56.0	970	100	100
	SCI0402C68N□	1.19	0.70	0.66	68.0	1120	100	100
	SCI0402C72N□	1.19	0.70	0.66	72.0	2000	30.0	30.0
	SCI0402C77N□	1.19	0.70	0.66	77.0	1800	50.0	50.0
	SCI0402C82N□	1.19	0.70	0.66	82.0	1550	50.0	50.0
	SCI0402CR10□	1.19	0.70	0.66	100	2000	30.0	30.0
	SCI0402CR12□	1.19	0.70	0.66	120	2400	110	110
	SCI0402CR18□	1.19	0.70	0.66	180	2700	50.0	50.0
	SCI0402CR22□	1.19	0.70	0.66	220	4000	50.0	50.0

Tolerance: B= ±0.1nH, C= ±0.2nH, G= ±2%, J= ±5%, K= ±10%.

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0603C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0603C1N6□	1.80	1.12	1.02	1.60	30.0	700	700
	SCI0603C1N8□	1.80	1.12	1.02	1.80	45.0	700	700
	SCI0603C1N9□	1.80	1.12	1.02	1.90	60.0	700	700
	SCI0603C2N0□	1.80	1.12	1.02	2.00	70.0	700	700
	SCI0603C2N2□	1.80	1.12	1.02	2.20	150	700	700
	SCI0603C3N3□	1.80	1.12	1.02	3.30	45.0	700	700
	SCI0603C3N6□	1.80	1.12	1.02	3.60	63.0	700	700
	SCI0603C3N9□	1.80	1.12	1.02	3.90	70.0	700	700
	SCI0603C4N1□	1.80	1.12	1.02	4.10	63.0	700	700
	SCI0603C4N3□	1.80	1.12	1.02	4.30	63.0	700	700
	SCI0603C4N7□	1.80	1.12	1.02	4.70	116	700	700
	SCI0603C5N1□	1.80	1.12	1.02	5.10	140	700	700
	SCI0603C5N6□	1.80	1.12	1.02	5.60	160	700	700
	SCI0603C6N0□	1.80	1.12	1.02	6.00	115	700	700
	SCI0603C6N2□	1.80	1.12	1.02	6.20	115	700	700
	SCI0603C6N3□	1.80	1.12	1.02	6.30	140	700	700
	SCI0603C6N8□	1.80	1.12	1.02	6.80	80.0	700	700
	SCI0603C7N5□	1.80	1.12	1.02	7.50	106	700	700
	SCI0603C8N2□	1.80	1.12	1.02	8.20	109	700	700
	SCI0603C8N7□	1.80	1.12	1.02	8.70	109	700	700
	SCI0603C9N1□	1.80	1.12	1.02	9.10	120	700	700
	SCI0603C9N5□	1.80	1.12	1.02	9.50	135	700	700
	SCI0603C10N□	1.80	1.12	1.02	10.0	130	700	700

Tolerance: S= $\pm 0.3nH$, G= $\pm 2\%$, J= $\pm 5\%$, K= $\pm 10\%$

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0603C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0603C11N□	1.80	1.12	1.02	11.0	86.0	700	700
	SCI0603C12N□	1.80	1.12	1.02	12.0	130	700	700
	SCI0603C13N□	1.80	1.12	1.02	13.0	130	700	700
	SCI0603C15N□	1.80	1.12	1.02	15.0	130	700	700
	SCI0603C16N□	1.80	1.12	1.02	16.0	104	700	700
	SCI0603C18N□	1.80	1.12	1.02	18.0	160	700	700
	SCI0603C19N□	1.80	1.12	1.02	19.0	190	700	700
	SCI0603C20N□	1.80	1.12	1.02	20.0	180	700	700
	SCI0603C22N□	1.80	1.12	1.02	22.0	190	700	700
	SCI0603C23N□	1.80	1.12	1.02	23.0	190	700	700
	SCI0603C24N□	1.80	1.12	1.02	24.0	130	700	700
	SCI0603C25N□	1.80	1.12	1.02	25.0	210	600	600
	SCI0603C27N□	1.80	1.12	1.02	27.0	220	600	600
	SCI0603C30N□	1.80	1.12	1.02	30.0	144	600	600
	SCI0603C33N□	1.80	1.12	1.02	33.0	220	600	600
	SCI0603C36N□	1.80	1.12	1.02	36.0	250	600	600
	SCI0603C39N□	1.80	1.12	1.02	39.0	250	600	600
	SCI0603C43N□	1.80	1.12	1.02	43.0	280	600	600
	SCI0603C47N□	1.80	1.12	1.02	47.0	280	600	600
	SCI0603C51N□	1.80	1.12	1.02	51.0	300	600	600
	SCI0603C56N□	1.80	1.12	1.02	56.0	310	600	600
	SCI0603C62N□	1.80	1.12	1.02	62.0	330	600	600
	SCI0603C68N□	1.80	1.12	1.02	68.0	340	600	600

Tolerance: S= ±0.3nH, G= ±2%, J= ±5%, K= ±10%

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0603C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0603C72N□	1.80	1.12	1.02	72.0	420	400	400
	SCI0603C75N□	1.80	1.12	1.02	75.0	430	400	400
	SCI0603C79N□	1.80	1.12	1.02	79.0	500	400	400
	SCI0603C82N□	1.80	1.12	1.02	82.0	540	400	400
	SCI0603C85N□	1.80	1.12	1.02	85.0	550	400	400
	SCI0603C91N□	1.80	1.12	1.02	91.0	560	400	400
	SCI0603CR10□	1.80	1.12	1.02	100	580	400	400
	SCI0603CR11□	1.80	1.12	1.02	110	610	300	300
	SCI0603CR12□	1.80	1.12	1.02	120	840	300	300
	SCI0603CR13□	1.80	1.12	1.02	130	750	280	280
	SCI0603CR14□	1.80	1.12	1.02	140	900	280	280
	SCI0603CR15□	1.80	1.12	1.02	150	920	280	280
	SCI0603CR16□	1.80	1.12	1.02	160	1050	260	260
	SCI0603CR17□	1.80	1.12	1.02	170	1150	240	240
	SCI0603CR18□	1.80	1.12	1.02	180	1250	240	240
	SCI0603CR19□	1.80	1.12	1.02	190	1350	200	200
	SCI0603CR20□	1.80	1.12	1.02	200	1500	200	200
	SCI0603CR21□	1.80	1.12	1.02	210	2060	200	200
	SCI0603CR22□	1.80	1.12	1.02	220	2020	250	250
	SCI0603CR24□	1.80	1.12	1.02	240	1900	200	200
	SCI0603CR25□	1.80	1.12	1.02	250	2340	250	250
	SCI0603CR27□	1.80	1.12	1.02	270	2360	170	170
	SCI0603CR30□	1.80	1.12	1.02	300	2700	150	150

Tolerance: S= $\pm 0.3\text{nH}$, G= $\pm 2\%$, J= $\pm 5\%$, K= $\pm 10\%$

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0603C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0603CR33□	1.80	1.12	1.02	330	3400	100	100
	SCI0603CR34□	1.80	1.12	1.02	340	2900	100	100
	SCI0603CR36□	1.80	1.12	1.02	360	3070	100	100
	SCI0603CR37□	1.80	1.12	1.02	370	3100	100	100
	SCI0603CR39□	1.80	1.12	1.02	390	3600	100	100
	SCI0603CR47□	1.80	1.12	1.02	470	4000	100	100
	SCI0603CR56□	1.80	1.12	1.02	560	4700	90.0	90.0

Tolerance: S= $\pm 0.3\text{nH}$, G= $\pm 2\%$, J= $\pm 5\%$, K= $\pm 10\%$

WIREWOUND INDUCTOR — SCI0805C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0805C2N2□	2.35	1.73	1.52	2.20	50.0	800	800
	SCI0805C2N7□	2.35	1.73	1.52	2.70	58.0	800	800
	SCI0805C2N8□	2.35	1.73	1.52	2.80	60.0	800	800
	SCI0805C3N0□	2.35	1.73	1.52	3.00	60.0	800	800
	SCI0805C3N3□	2.35	1.73	1.52	3.30	80.0	600	600
	SCI0805C4N1□	2.35	1.73	1.52	4.10	60.0	600	600
	SCI0805C5N1□	2.35	1.73	1.52	5.10	60.0	600	600
	SCI0805C5N6□	2.35	1.73	1.52	5.60	60.0	600	600
	SCI0805C6N2□	2.35	1.73	1.52	6.20	110	600	600
	SCI0805C6N8□	2.35	1.73	1.52	6.80	60.0	600	600
	SCI0805C7N5□	2.35	1.73	1.52	7.50	60.0	600	600
	SCI0805C8N2□	2.35	1.73	1.52	8.20	60.0	600	600

Tolerance: B= $\pm 0.1\text{nH}$, C= $\pm 0.2\text{nH}$, G= $\pm 2\%$, J= $\pm 5\%$, K= $\pm 10\%$

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0805C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0805C8N□	2.35	1.73	1.52	8.70	230	600	600
	SCI0805C10N□	2.35	1.73	1.52	10.0	80.0	600	600
	SCI0805C12N□	2.35	1.73	1.52	12.0	80.0	600	600
	SCI0805C14N□	2.35	1.73	1.52	14.0	170	600	600
	SCI0805C15N□	2.35	1.73	1.52	15.0	100	700	700
	SCI0805C16N□	2.35	1.73	1.52	16.0	190	600	600
	SCI0805C18N□	2.35	1.73	1.52	18.0	100	600	600
	SCI0805C22N□	2.35	1.73	1.52	22.0	120	500	500
	SCI0805C24N□	2.35	1.73	1.52	24.0	120	500	500
	SCI0805C27N□	2.35	1.73	1.52	27.0	120	500	500
	SCI0805C33N□	2.35	1.73	1.52	33.0	130	500	500
	SCI0805C36N□	2.35	1.73	1.52	36.0	130	500	500
	SCI0805C39N□	2.35	1.73	1.52	39.0	150	500	500
	SCI0805C43N□	2.35	1.73	1.52	43.0	150	500	500
	SCI0805C47N□	2.35	1.73	1.52	47.0	170	500	500
	SCI0805C50N□	2.35	1.73	1.52	50.0	340	500	500
	SCI0805C56N□	2.35	1.73	1.52	56.0	190	500	500
	SCI0805C68N□	2.35	1.73	1.52	68.0	220	500	500
	SCI0805C75N□	2.35	1.73	1.52	75.0	400	400	400
	SCI0805C82N□	2.35	1.73	1.52	82.0	400	400	400
	SCI0805C84N□	2.35	1.73	1.52	84.0	480	400	400
	SCI0805C91N□	2.35	1.73	1.52	91.0	480	400	400
	SCI0805CR10□	2.35	1.73	1.52	100	460	400	400

Tolerance: B= $\pm 0.1nH$, C= $\pm 0.2nH$, G= $\pm 2\%$, J= $\pm 5\%$, K= $\pm 10\%$

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0805C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0805CR11□	2.35	1.73	1.52	110	480	400	400
	SCI0805CR12□	2.35	1.73	1.52	120	510	400	400
	SCI0805CR13□	2.35	1.73	1.52	130	550	400	400
	SCI0805CR15□	2.35	1.73	1.52	150	560	400	400
	SCI0805CR16□	2.35	1.73	1.52	160	600	400	400
	SCI0805CR18□	2.35	1.73	1.52	180	640	400	400
	SCI0805CR20□	2.35	1.73	1.52	200	680	400	400
	SCI0805CR22□	2.35	1.73	1.52	220	700	400	400
	SCI0805CR24□	2.35	1.73	1.52	240	1000	350	350
	SCI0805CR25□	2.35	1.73	1.52	250	1000	350	350
	SCI0805CR27□	2.35	1.73	1.52	270	1000	350	350
	SCI0805CR30□	2.35	1.73	1.52	300	1400	330	330
	SCI0805CR33□	2.35	1.73	1.52	330	1400	310	310
	SCI0805CR36□	2.35	1.73	1.52	360	1450	300	300
	SCI0805CR39□	2.35	1.73	1.52	390	1500	290	290
	SCI0805CR43□	2.35	1.73	1.52	430	1700	270	270
	SCI0805CR47□	2.35	1.73	1.52	470	1760	250	250
	SCI0805CR51□	2.35	1.73	1.52	510	1900	230	230
	SCI0805CR56□	2.35	1.73	1.52	560	1900	230	230
	SCI0805CR62□	2.35	1.73	1.52	620	2000	210	210
	SCI0805CR68□	2.35	1.73	1.52	680	2150	190	190
	SCI0805CR75□	2.35	1.73	1.52	750	2250	180	180
	SCI0805CR82□	2.35	1.73	1.52	820	2350	180	180

Tolerance: B= ±0.1nH, C=±0.2nH, G= ±2%, J= ±5%, K= ±10%

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI0805C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI0805CR88□	2.35	1.73	1.52	880	2380	180	180
	SCI0805CR91□	2.35	1.73	1.52	910	2400	180	180
	SCI0805CR93□	2.35	1.73	1.52	930	2450	180	180
	SCI0805C1R0□	2.35	1.73	1.52	1000	2500	180	180
	SCI0805C1R2□	2.35	1.73	1.52	1200	2450	170	170
	SCI0805C1R5□	2.35	1.73	1.52	1500	2500	170	170
	SCI0805C1R8□	2.35	1.73	1.52	1800	2500	170	170
	SCI0805C2R2□	2.35	1.73	1.52	2200	3900	160	160
	SCI0805C2R7□	2.35	1.73	1.52	2700	4000	160	160
	SCI0805C3R3□	2.35	1.73	1.52	3300	4400	90.0	90.0
	SCI0805C4R7□	2.35	1.73	1.52	4700	6400	130	130

Tolerance: B= ±0.1nH, C=±0.2nH, G= ±2%, J= ±5%, K= ±10%

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCI1008C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCI1008C10N□	2.92	2.70	2.23	10.0	80.0	1000	1000
	SCI1008C12N□	2.92	2.70	2.23	12.0	90.0	1000	1000
	SCI1008C15N□	2.92	2.70	2.23	15.0	180	1000	1000
	SCI1008C18N□	2.92	2.70	2.23	18.0	110	1000	1000
	SCI1008C22N□	2.92	2.70	2.23	22.0	120	1000	1000
	SCI1008C27N□	2.92	2.70	2.23	27.0	130	1000	1000
	SCI1008C33N□	2.92	2.70	2.23	33.0	140	1000	1000
	SCI1008C39N□	2.92	2.70	2.23	39.0	150	1000	1000
	SCI1008C47N□	2.92	2.70	2.23	47.0	160	1000	1000
	SCI1008C56N□	2.92	2.70	2.23	56.0	180	1000	1000
	SCI1008C68N□	2.92	2.70	2.23	68.0	200	1000	1000
	SCI1008C82N□	2.92	2.70	2.23	82.0	220	1000	1000
	SCI1008CR10□	2.92	2.70	2.23	100	560	650	650
	SCI1008CR12□	2.92	2.70	2.23	120	630	650	650
	SCI1008CR15□	2.92	2.70	2.23	150	700	580	580
	SCI1008CR18□	2.92	2.70	2.23	180	770	620	620
	SCI1008CR22□	2.92	2.70	2.23	220	840	500	500
	SCI1008CR27□	2.92	2.70	2.23	270	910	500	500
	SCI1008CR33□	2.92	2.70	2.23	330	1050	450	450
	SCI1008CR39□	2.92	2.70	2.23	390	1120	470	470
	SCI1008CR47□	2.92	2.70	2.23	470	1190	470	470
	SCI1008CR56□	2.92	2.70	2.23	560	1330	400	400
	SCI1008CR62□	2.92	2.70	2.23	620	1400	300	300

Tolerance: G= ±2%, J= ±5%, K= ±10%.

MAGNETIC COMPONENTS

WIREWOUND INDUCTOR — SCII008C SERIES

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	SCII008CR68□	2.92	2.70	2.23	680	1470	400	400
	SCII008CR75□	2.92	2.70	2.23	750	1540	360	360
	SCII008CR82□	2.92	2.70	2.23	820	1610	400	400
	SCII008CR91□	2.92	2.70	2.23	910	1680	380	380
	SCII008C1R0□	2.92	2.70	2.23	1000	1750	370	370
	SCII008C1R2□	2.92	2.70	2.23	1200	2000	310	310
	SCII008C1R5□	2.92	2.70	2.23	1500	2230	330	330
	SCII008C1R8□	2.92	2.70	2.23	1800	2600	300	300
	SCII008C2R2□	2.92	2.70	2.23	2200	2800	280	280
	SCII008C2R7□	2.92	2.70	2.23	2700	3200	290	290
	SCII008C3R3□	2.92	2.70	2.23	3300	3400	290	290
	SCII008C3R9□	2.92	2.70	2.23	3900	3600	260	260
	SCII008C4R7□	2.92	2.70	2.23	4700	4000	200	200
	SCII008C5R6□	2.92	2.70	2.23	5600	5700	240	240
	SCII008C6R8□	2.92	2.70	2.23	6800	7700	200	200
	SCII008C8R2□	2.92	2.70	2.23	8200	10700	170	170
	SCII008C100□	2.92	2.70	2.23	10000	12700	100	100

Tolerance: G= ±2%, J= ±5%, K= ±10%.

MAGNETIC COMPONENTS

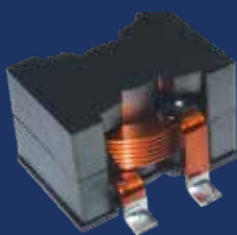
PLANAR INDUCTOR

SPQ28 SERIES	217
SPQQ27 SERIES	219

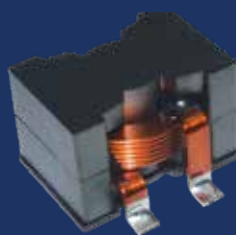
PLANAR INDUCTOR

Superworld Electronics Planar Inductors operate a wide range of power, compact in size with low leakage inductance and cater to high frequency applications.

These inductors are perfect for high power industrial use, automotive, switch mode power supplies and telecommunications.



SPQ28 SERIES



SPQQ27 SERIES

MAGNETIC COMPONENTS

PLANAR INDUCTOR — SPQ28 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	SRF (MHz)	Isat (mA)	Irms (mA)
		(L)	(W)	(H)					
	SPQ28141R5KZF	27.90	27.94	14.22	1.50	1.62	60	100000	30000
	SPQ28142R2KXF	27.90	27.94	14.22	2.20	2.01	40	100000	30000
	SPQ28142R2KZF	27.90	27.94	14.22	2.20	1.62	50	84800	30000
	SPQ28173R3KZF	27.90	27.94	16.64	3.30	2.82	40	93600	28000
	SPQ28143R3KXF	27.90	27.94	14.22	3.30	2.01	30	68400	30000
	SPQ28143R3KZF	27.90	27.94	14.22	3.30	1.62	40	57000	30000
	SPQ28174R7KZF	27.90	27.94	16.64	4.70	2.82	30	62400	28000
	SPQ28144R7KXF	27.90	27.94	14.22	4.70	2.01	25	50100	30000
	SPQ28144R7KZF	27.90	27.94	14.22	4.70	1.62	30	39000	30000
	SPQ28176R8KZF	27.90	27.94	16.64	6.80	2.82	25	45900	28000
	SPQ28146R8KXF	27.90	27.94	14.22	6.80	2.01	20	36200	30000
	SPQ28146R8KZF	27.90	27.94	14.22	6.80	1.62	25	27800	30000
	SPQ2817100KZF	27.90	27.94	16.64	10.0	2.82	20	32100	28000
	SPQ2814100KXF	27.90	27.94	14.22	10.0	2.01	15	23400	30000
	SPQ2814100KZF	27.90	27.94	14.22	10.0	1.62	20	17600	30000
	SPQ2817150KZF	27.90	27.94	16.64	15.0	2.82	16	21900	28000
	SPQ2814150KXF	27.90	27.94	14.22	15.0	2.01	12	15200	30000
	SPQ2814150KZF	27.90	27.94	14.22	15.0	1.62	15	11000	30000

MAGNETIC COMPONENTS

PLANAR INDUCTOR — SPQ28 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	SRF (MHz)	Isat (mA)	Irms (mA)
		(L)	(W)	(H)					
	SPQ2817220KZF	27.90	27.94	16.64	22.0	2.82	15.0	15000	28000
	SPQ2814220KXF	27.90	27.94	14.22	22.0	2.01	10.0	9600	30000
	SPQ2814220KZF	27.90	27.94	14.22	22.0	1.62	10.0	6800	30000
	SPQ2817330KZF	27.90	27.94	16.64	33.0	2.82	10.0	9600	28000
	SPQ2814330KXF	27.90	27.94	14.22	33.0	2.01	8.00	5900	30000
	SPQ2814330KZF	27.90	27.94	14.22	33.0	1.62	7.00	3300	30000



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MAGNETIC COMPONENTS

PLANAR INDUCTOR — SPQQ27 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	SRF (MHz)	Isat (mA)	Irms (mA)
		(L)	(W)	(H)					
	SPQQ27151R5KZF	27.90	27.94	15.36	1.50	1.65	60.0	100000	30000
	SPQQ27152R2KXF	27.90	27.94	15.36	2.20	2.05	40.0	100000	30000
	SPQQ27152R2KZF	27.90	27.94	15.36	2.20	1.65	50.0	84800	30000
	SPQQ27183R3KZF	27.90	27.94	17.78	3.30	2.86	40.0	93600	28000
	SPQQ27153R3KXF	27.90	27.94	15.36	3.30	2.05	30.0	68400	30000
	SPQQ27153R3KZF	27.90	27.94	15.36	3.30	1.65	40.0	57000	30000
	SPQQ27184R7KZF	27.90	27.94	17.78	4.70	2.86	30.0	62400	28000
	SPQQ27154R7KXF	27.90	27.94	15.36	4.70	2.05	25.0	50100	30000
	SPQQ27154R7KZF	27.90	27.94	15.36	4.70	1.65	30.0	39000	30000
	SPQQ27186R8KZF	27.90	27.94	17.78	6.80	2.86	25.0	45900	28000
	SPQQ27156R8KXF	27.90	27.94	15.36	6.80	2.05	20.0	36200	30000
	SPQQ27156R8KZF	27.90	27.94	15.36	6.80	1.65	25.0	27800	30000
	SPQQ2718100KZF	27.90	27.94	17.78	10.0	2.86	20.0	32100	28000
	SPQQ2715100KXF	27.90	27.94	15.36	10.0	2.05	15.0	23400	30000
	SPQQ2715100KZF	27.90	27.94	15.36	10.0	1.65	20.0	17600	30000
	SPQQ2718150KZF	27.90	27.94	17.78	15.0	2.86	16.0	21900	28000



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MAGNETIC COMPONENTS

PLANAR INDUCTOR — SPQQ27 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	SRF (MHz)	Isat (mA)	Irms (mA)
		(L)	(W)	(H)					
	SPQQ2715150KXF	27.90	27.94	15.36	15.0	2.05	12.0	15200	30000
	SPQQ2715150KZF	27.90	27.94	15.36	15.0	1.65	15.0	11000	30000
	SPQQ2718220KZF	27.90	27.94	17.78	22.0	2.86	15.0	15000	28000
	SPQQ2715220KXF	27.90	27.94	15.36	22.0	2.05	10.0	9600	30000
	SPQQ2715220KZF	27.90	27.94	15.36	22.0	1.65	10.0	6800	30000
	SPQQ2718330KZF	27.90	27.94	17.78	33.0	2.86	10.0	9600	28000
	SPQQ2715330KXF	27.90	27.94	15.36	33.0	2.05	8.00	5900	30000
	SPQQ2715330KZF	27.90	27.94	15.36	33.0	1.65	7.00	3300	30000



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MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR

RCB SERIES	223
RCC SERIES	236
RCS SERIES	250

THROUGH HOLE INDUCTOR

Superworld Electronics provide both magnetic shield type and non-shielded Through-Hole Inductors. This series of inductors are of a low-cost design solution with high saturation current ratings for general applications.



RCB SERIES



RCC SERIES



RCS SERIES

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0506 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB05061R0MZP	5.00	5.00	6.50	1.00	100	1030	1030
	RCB05061R2MZP	5.00	5.00	6.50	1.20	150	980	980
	RCB05061R5MZP	5.00	5.00	6.50	1.50	200	920	920
	RCB05061R8MZP	5.00	5.00	6.50	1.80	220	880	880
	RCB05062R2MZP	5.00	5.00	6.50	2.20	240	830	830
	RCB05062R7MZP	5.00	5.00	6.50	2.70	270	790	790
	RCB05063R3MZP	5.00	5.00	6.50	3.30	300	750	750
	RCB05063R9MZP	5.00	5.00	6.50	3.90	300	720	720
	RCB05064R7MZP	5.00	5.00	6.50	4.70	350	670	670
	RCB05065R6KZF	5.00	5.00	6.50	5.60	350	640	640
	RCB05066R8KZF	5.00	5.00	6.50	6.80	400	620	620
	RCB05068R2KZF	5.00	5.00	6.50	8.20	400	590	590
	RCB0506100KZF	5.00	5.00	6.50	10.0	450	550	550
	RCB0506120KZF	5.00	5.00	6.50	12.0	500	530	530
	RCB0506150KZF	5.00	5.00	6.50	15.0	550	500	500
	RCB0506180KZF	5.00	5.00	6.50	18.0	600	480	480
	RCB0506220KZF	5.00	5.00	6.50	22.0	650	460	460
	RCB0506270KZF	5.00	5.00	6.50	27.0	750	430	430
	RCB0506330KZF	5.00	5.00	6.50	33.0	850	410	410
	RCB0506390KZF	5.00	5.00	6.50	39.0	900	390	390
	RCB0506470KZF	5.00	5.00	6.50	47.0	1000	370	370
	RCB0506560KZF	5.00	5.00	6.50	56.0	1200	350	350
	RCB0506680KZF	5.00	5.00	6.50	68.0	1300	340	340

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0506 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0506820KZF	5.00	5.00	6.50	82.0	1500	320	320
	RCB0506101KZF	5.00	5.00	6.50	100	1700	305	305
	RCB0506121KZF	5.00	5.00	6.50	120	1900	290	290
	RCB0506151KZF	5.00	5.00	6.50	150	2100	275	275
	RCB0506181KZF	5.00	5.00	6.50	180	2300	235	235
	RCB0506221KZF	5.00	5.00	6.50	220	2500	200	200
	RCB0506271KZF	5.00	5.00	6.50	270	2750	180	180
	RCB0506331KZF	5.00	5.00	6.50	330	4680	165	165
	RCB0506391KZF	5.00	5.00	6.50	390	6000	150	150
	RCB0506471KZF	5.00	5.00	6.50	470	6500	140	140
	RCB0506561KZF	5.00	5.00	6.50	560	8500	135	135
	RCB0506681KZF	5.00	5.00	6.50	680	9000	125	125
	RCB0506821KZF	5.00	5.00	6.50	820	9600	120	120
	RCB0506102KZF	5.00	5.00	6.50	1000	11500	100	100

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0610 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0610100KZF	6.70	6.70	10.00	10.0	70.0	1100	1100
	RCB0610120KZF	6.70	6.70	10.00	12.0	80.0	1000	1000
	RCB0610150KZF	6.70	6.70	10.00	15.0	90.0	900	900
	RCB0610180KZF	6.70	6.70	10.00	18.0	100	750	750
	RCB0610220KZF	6.70	6.70	10.00	22.0	120	700	700
	RCB0610270KZF	6.70	6.70	10.00	27.0	130	650	650
	RCB0610330KZF	6.70	6.70	10.00	33.0	150	600	600
	RCB0610390KZF	6.70	6.70	10.00	39.0	160	550	550
	RCB0610470KZF	6.70	6.70	10.00	47.0	180	450	450
	RCB0610560KZF	6.70	6.70	10.00	56.0	210	400	400
	RCB0610680KZF	6.70	6.70	10.00	68.0	240	360	360
	RCB0610820KZF	6.70	6.70	10.00	82.0	350	340	340
	RCB0610101KZF	6.70	6.70	10.00	100	400	320	320
	RCB0610121KZF	6.70	6.70	10.00	120	450	300	300
	RCB0610151KZF	6.70	6.70	10.00	150	500	280	280
	RCB0610181KZF	6.70	6.70	10.00	180	750	260	260
	RCB0610221KZF	6.70	6.70	10.00	220	900	240	240
	RCB0610271KZF	6.70	6.70	10.00	270	1000	220	220
	RCB0610331KZF	6.70	6.70	10.00	330	1100	200	200
	RCB0610391KZF	6.70	6.70	10.00	390	1200	180	180
	RCB0610471KZF	6.70	6.70	10.00	470	1500	160	160
	RCB0610561KZF	6.70	6.70	10.00	560	1800	150	150

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0710 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0710470KZF	6.70	6.70	10.00	47.0	400	450	450
	RCB0710560KZF	6.70	6.70	10.00	56.0	450	400	400
	RCB0710680KZF	6.70	6.70	10.00	68.0	500	360	360
	RCB0710820KZF	6.70	6.70	10.00	82.0	500	340	340
	RCB0710101KZF	6.70	6.70	10.00	100	600	320	320
	RCB0710121KZF	6.70	6.70	10.00	120	700	300	300
	RCB0710151KZF	6.70	6.70	10.00	150	900	280	280
	RCB0710181KZF	6.70	6.70	10.00	180	1000	260	260
	RCB0710221KZF	6.70	6.70	10.00	220	1200	240	240
	RCB0710271KZF	6.70	6.70	10.00	270	1400	220	220
	RCB0710331KZF	6.70	6.70	10.00	330	1600	200	200
	RCB0710391KZF	6.70	6.70	10.00	390	1800	180	180
	RCB0710471KZF	6.70	6.70	10.00	470	2000	160	160
	RCB0710561KZF	6.70	6.70	10.00	560	2500	150	150
	RCB0710681KZF	6.70	6.70	10.00	680	2900	140	140
	RCB0710821KZF	6.70	6.70	10.00	820	3100	130	130
	RCB0710102KZF	6.70	6.70	10.00	1000	3900	120	120
	RCB0710122KZF	6.70	6.70	10.00	1200	4400	110	110
	RCB0710152KZF	6.70	6.70	10.00	1500	6000	100	100
	RCB0710182KZF	6.70	6.70	10.00	1800	7000	90.0	90.0
	RCB0710222KZF	6.70	6.70	10.00	2200	8000	80.0	80.0
	RCB0710272KZF	6.70	6.70	10.00	2700	9000	70.0	70.0
	RCB0710332KZF	6.70	6.70	10.00	3300	12000	60.0	60.0

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0710 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0710392KZF	6.70	6.70	10.00	3900	14000	55.0	55.0
	RCB0710472KZF	6.70	6.70	10.00	4700	16000	50.0	50.0
	RCB0710562KZF	6.70	6.70	10.00	5600	18000	45.0	45.0
	RCB0710682KZF	6.70	6.70	10.00	6800	24000	40.0	40.0
	RCB0710822KZF	6.70	6.70	10.00	8200	30000	36.0	36.0
	RCB0710103KZF	6.70	6.70	10.00	10000	39000	34.0	34.0
	RCB0710123KZF	6.70	6.70	10.00	12000	46000	32.0	32.0
	RCB0710153KZF	6.70	6.70	10.00	15000	54000	30.0	30.0
	RCB0710183KZF	6.70	6.70	10.00	18000	76000	27.0	27.0
	RCB0710223KZF	6.70	6.70	10.00	22000	92000	25.0	25.0
	RCB0710273KZF	6.70	6.70	10.00	27000	102000	22.0	22.0
	RCB0710333KZF	6.70	6.70	10.00	33000	140000	20.0	20.0
	RCB0710393KZF	6.70	6.70	10.00	39000	150000	18.0	18.0
	RCB0710473KZF	6.70	6.70	10.00	47000	162000	16.0	16.0

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0810 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB08101R5MZF	8.70	8.70	10.00	1.50	8.00	5400	5400
	RCB08102R2MZF	8.70	8.70	10.00	2.20	10.0	4500	4500
	RCB08103R3MZF	8.70	8.70	10.00	3.30	18.0	3600	3600
	RCB08104R7MZF	8.70	8.70	10.00	4.70	22.0	3100	3100
	RCB08106R8MZF	8.70	8.70	10.00	6.80	28.0	2500	2500
	RCB0810100KZF	8.70	8.70	10.00	10.0	43.0	2100	2100
	RCB0810150KZF	8.70	8.70	10.00	15.0	56.0	1700	1700
	RCB0810220KZF	8.70	8.70	10.00	22.0	86.0	1400	1400
	RCB0810330KZF	8.70	8.70	10.00	33.0	140	1100	1100
	RCB0810470KZF	8.70	8.70	10.00	47.0	170	960	960
	RCB0810680KZF	8.70	8.70	10.00	68.0	280	790	790
	RCB0810101KZF	8.70	8.70	10.00	100	330	660	660
	RCB0810151KZF	8.70	8.70	10.00	150	560	530	530
	RCB0810221KZF	8.70	8.70	10.00	220	720	440	440
	RCB0810331KZF	8.70	8.70	10.00	330	1100	360	360
	RCB0810471KZF	8.70	8.70	10.00	470	1700	300	300
	RCB0810681KZF	8.70	8.70	10.00	680	2300	250	250
	RCB0810102KZF	8.70	8.70	10.00	1000	4300	200	200

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0812 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB08123R3MZ	8.70	8.70	12.00	3.30	27.0	3600	3600
	RCB08124R7MZ	8.70	8.70	12.00	4.70	33.0	3200	3200
	RCB08126R8MZ	8.70	8.70	12.00	6.80	39.0	3000	3000
	RCB0812100KZ	8.70	8.70	12.00	10.0	48.0	2700	2700
	RCB0812120KZ	8.70	8.70	12.00	12.0	55.0	2500	2500
	RCB0812150KZ	8.70	8.70	12.00	15.0	60.0	2400	2400
	RCB0812180KZ	8.70	8.70	12.00	18.0	65.0	2300	2300
	RCB0812220KZ	8.70	8.70	12.00	22.0	90.0	1900	1900
	RCB0812270KZ	8.70	8.70	12.00	27.0	110	1800	1800
	RCB0812330KZ	8.70	8.70	12.00	33.0	120	1700	1700
	RCB0812390KZ	8.70	8.70	12.00	39.0	130	1600	1600
	RCB0812470KZ	8.70	8.70	12.00	47.0	140	1500	1500
	RCB0812560KZ	8.70	8.70	12.00	56.0	200	1300	1300
	RCB0812680KZ	8.70	8.70	12.00	68.0	210	1200	1200
	RCB0812820KZ	8.70	8.70	12.00	82.0	230	1100	1100
	RCB0812101KZ	8.70	8.70	12.00	100	280	1000	1000
	RCB0812121KZ	8.70	8.70	12.00	120	320	900	900
	RCB0812151KZ	8.70	8.70	12.00	150	370	800	800
	RCB0812181KZ	8.70	8.70	12.00	180	540	750	750
	RCB0812221KZ	8.70	8.70	12.00	220	600	700	700
	RCB0812271KZ	8.70	8.70	12.00	270	680	650	650
	RCB0812331KZ	8.70	8.70	12.00	330	760	600	600

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0812 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0812391KZF	8.70	8.70	12.00	390	850	550	550
	RCB0812471KZF	8.70	8.70	12.00	470	1300	500	500
	RCB0812561KZF	8.70	8.70	12.00	560	1400	450	450
	RCB0812681KZF	8.70	8.70	12.00	680	1600	400	400
	RCB0812821KZF	8.70	8.70	12.00	820	1800	350	350
	RCB0812102KZF	8.70	8.70	12.00	1000	2100	300	300

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0912 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0912101KZF	8.70	8.70	12.00	100	850	350	350
	RCB0912121KZF	8.70	8.70	12.00	120	950	330	330
	RCB0912151KZF	8.70	8.70	12.00	150	1050	310	310
	RCB0912181KZF	8.70	8.70	12.00	180	1150	300	300
	RCB0912221KZF	8.70	8.70	12.00	220	1300	280	280
	RCB0912271KZF	8.70	8.70	12.00	270	1500	260	260
	RCB0912331KZF	8.70	8.70	12.00	330	1700	240	240
	RCB0912391KZF	8.70	8.70	12.00	390	1850	230	230
	RCB0912471KZF	8.70	8.70	12.00	470	2300	210	210
	RCB0912561KZF	8.70	8.70	12.00	560	2550	200	200
	RCB0912681KZF	8.70	8.70	12.00	680	2850	190	190
	RCB0912821KZF	8.70	8.70	12.00	820	3100	180	180
	RCB0912102KZF	8.70	8.70	12.00	1000	4100	160	160
	RCB0912122KZF	8.70	8.70	12.00	1200	4700	150	150
	RCB0912152KZF	8.70	8.70	12.00	1500	5800	130	130
	RCB0912182KZF	8.70	8.70	12.00	1800	7400	115	115
	RCB0912222KZF	8.70	8.70	12.00	2200	8400	110	110
	RCB0912272KZF	8.70	8.70	12.00	2700	9600	95.0	95.0
	RCB0912332KZF	8.70	8.70	12.00	3300	10500	80.0	80.0
	RCB0912392KZF	8.70	8.70	12.00	3900	12000	70.0	70.0
	RCB0912472KZF	8.70	8.70	12.00	4700	14000	65.0	65.0
	RCB0912562KZF	8.70	8.70	12.00	5600	16000	60.0	60.0

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB0912 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB0912682KZF	8.70	8.70	12.00	6800	18000	55.0	55.0
	RCB0912822KZF	8.70	8.70	12.00	8200	24500	50.0	50.0
	RCB0912103KZF	8.70	8.70	12.00	10000	32000	45.0	45.0
	RCB0912123KZF	8.70	8.70	12.00	12000	36000	40.0	40.0
	RCB0912153KZF	8.70	8.70	12.00	15000	48000	35.0	35.0
	RCB0912183KZF	8.70	8.70	12.00	18000	52000	30.0	30.0
	RCB0912223KZF	8.70	8.70	12.00	22000	58000	28.0	28.0
	RCB0912273KZF	8.70	8.70	12.00	27000	62000	26.0	26.0
	RCB0912333KZF	8.70	8.70	12.00	33000	90000	24.0	24.0
	RCB0912393KZF	8.70	8.70	12.00	39000	100000	22.0	22.0
	RCB0912473KZF	8.70	8.70	12.00	47000	150000	20.0	20.0
	RCB0912563KZF	8.70	8.70	12.00	56000	200000	18.0	18.0
	RCB0912683KZF	8.70	8.70	12.00	68000	220000	16.0	16.0
	RCB0912823KZF	8.70	8.70	12.00	82000	240000	14.0	14.0

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB1112 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB11123R3MZ	11.70	11.70	12.00	3.30	8.00	5600	5600
	RCB11124R7MZ	11.70	11.70	12.00	4.70	9.00	4700	4700
	RCB11126R8MZ	11.70	11.70	12.00	6.80	12.0	3900	3900
	RCB1112100MZ	11.70	11.70	12.00	10.0	15.0	3200	3200
	RCB1112150MZ	11.70	11.70	12.00	15.0	19.0	2600	2600
	RCB1112220KZ	11.70	11.70	12.00	22.0	26.0	2200	2200
	RCB1112330KZ	11.70	11.70	12.00	33.0	45.0	1800	1800
	RCB1112470KZ	11.70	11.70	12.00	47.0	56.0	1500	1500
	RCB1112680KZ	11.70	11.70	12.00	68.0	92.0	1200	1200
	RCB1112101KZ	11.70	11.70	12.00	100	120	1000	1000
	RCB1112151KZ	11.70	11.70	12.00	150	200	820	820
	RCB1112221KZ	11.70	11.70	12.00	220	250	680	680
	RCB1112331KZ	11.70	11.70	12.00	330	420	550	550
	RCB1112471KZ	11.70	11.70	12.00	470	510	460	460
	RCB1112681KZ	11.70	11.70	12.00	680	790	380	380
	RCB1112102KZ	11.70	11.70	12.00	1000	1300	310	310
	RCB1112152KZ	11.70	11.70	12.00	1500	1700	250	250
	RCB1112222KZ	11.70	11.70	12.00	2200	2900	210	210
	RCB1112332KZ	11.70	11.70	12.00	3300	3700	170	170
	RCB1112472KZ	11.70	11.70	12.00	4700	5600	140	140
	RCB1112682KZ	11.70	11.70	12.00	6800	9400	120	120
	RCB1112103KZ	11.70	11.70	12.00	10000	12000	100	100
	RCB1112153KZ	11.70	11.70	12.00	15000	15000	82.0	82.0

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB1620 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB1620100MZ	16.00	16.00	20.00	10.0	24.0	5000	5000
	RCB1620250KZF	16.00	16.00	20.00	25.0	40.0	4000	4000
	RCB1620500KZF	16.00	16.00	20.00	50.0	60.0	3000	3000
	RCB1620101KZF	16.00	16.00	20.00	100	90.0	2000	2000
	RCB1620251KZF	16.00	16.00	20.00	250	180	1500	1500
	RCB1620501KZF	16.00	16.00	20.00	500	400	1000	1000
	RCB1620102KZF	16.00	16.00	20.00	1000	800	700	700

THROUGH HOLE INDUCTOR — RCB1823 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB1823100MZ	18.00	18.00	23.00	10.0	9.00	8000	8000
	RCB1823250KZF	18.00	18.00	23.00	25.0	22.0	6000	6000
	RCB1823500KZF	18.00	18.00	23.00	50.0	36.0	4000	4000
	RCB1823101KZF	18.00	18.00	23.00	100	90.0	3000	3000
	RCB1823251KZF	18.00	18.00	23.00	250	150	2000	2000
	RCB1823501KZF	18.00	18.00	23.00	500	300	1200	1200
	RCB1823102KZF	18.00	18.00	23.00	1000	600	1000	1000

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCB2023 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCB2023100MZ	20.00	20.00	23.00	10.0	8.00	10000	10000
	RCB2023500KZ	20.00	20.00	23.00	50.0	32.0	5000	5000
	RCB2023101KZ	20.00	20.00	23.00	100	60.0	4000	4000
	RCB2023251KZ	20.00	20.00	23.00	250	140	2500	2500
	RCB2023501KZ	20.00	20.00	23.00	500	280	1500	1500
	RCB2023102KZ	20.00	20.00	23.00	1000	550	1200	1200
	RCB2023202KZ	20.00	20.00	23.00	2000	1200	800	800

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0605 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0605220KZF	6.00	6.00	5.00	22.0	180	900	900
	RCC0605270KZF	6.00	6.00	5.00	27.0	210	810	810
	RCC0605330KZF	6.00	6.00	5.00	33.0	270	740	740
	RCC0605390KZF	6.00	6.00	5.00	39.0	290	680	680
	RCC0605470KZF	6.00	6.00	5.00	47.0	340	620	620
	RCC0605560KZF	6.00	6.00	5.00	56.0	420	570	570
	RCC0605680KZF	6.00	6.00	5.00	68.0	480	510	510
	RCC0605820KZF	6.00	6.00	5.00	82.0	550	470	470
	RCC0605101KZF	6.00	6.00	5.00	100	680	420	420
	RCC0605121KZF	6.00	6.00	5.00	120	770	390	390
	RCC0605151KZF	6.00	6.00	5.00	150	950	350	350
	RCC0605181KZF	6.00	6.00	5.00	180	1150	320	320
	RCC0605221KZF	6.00	6.00	5.00	220	1300	290	290
	RCC0605271KZF	6.00	6.00	5.00	270	1550	260	260
	RCC0605331KZF	6.00	6.00	5.00	330	2180	230	230
	RCC0605391KZF	6.00	6.00	5.00	390	2470	210	210
	RCC0605471KZF	6.00	6.00	5.00	470	2920	200	200
	RCC0605561KZF	6.00	6.00	5.00	560	3970	180	180
	RCC0605681KZF	6.00	6.00	5.00	680	4570	160	160
	RCC0605821KZF	6.00	6.00	5.00	820	5280	150	150
	RCC0605102KZF	6.00	6.00	5.00	1000	7060	130	130

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0606 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0606220KZF	6.00	6.00	6.50	22.0	110	1270	1270
	RCC0606270KZF	6.00	6.00	6.50	27.0	140	1140	1140
	RCC0606330KZF	6.00	6.00	6.50	33.0	170	1030	1030
	RCC0606390KZF	6.00	6.00	6.50	39.0	190	950	950
	RCC0606470KZF	6.00	6.00	6.50	47.0	230	870	870
	RCC0606560KZF	6.00	6.00	6.50	56.0	260	800	800
	RCC0606680KZF	6.00	6.00	6.50	68.0	280	720	720
	RCC0606820KZF	6.00	6.00	6.50	82.0	390	660	660
	RCC0606101KZF	6.00	6.00	6.50	100	430	590	590
	RCC0606121KZF	6.00	6.00	6.50	120	540	540	540
	RCC0606151KZF	6.00	6.00	6.50	150	640	480	480
	RCC0606181KZF	6.00	6.00	6.50	180	740	440	440
	RCC0606221KZF	6.00	6.00	6.50	220	960	400	400
	RCC0606271KZF	6.00	6.00	6.50	270	1120	360	360
	RCC0606331KZF	6.00	6.00	6.50	330	1480	330	330
	RCC0606391KZF	6.00	6.00	6.50	390	1660	300	300
	RCC0606471KZF	6.00	6.00	6.50	470	1910	270	270
	RCC0606561KZF	6.00	6.00	6.50	560	2310	250	250
	RCC0606681KZF	6.00	6.00	6.50	680	2670	230	230
	RCC0606821KZF	6.00	6.00	6.50	820	3100	210	210
	RCC0606102KZF	6.00	6.00	6.50	1000	4450	190	190

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0805100MZ	7.80	7.80	5.50	10.0	70.0	2500	2500
	RCC0805120MZ	7.80	7.80	5.50	12.0	80.0	2400	2400
	RCC0805150MZ	7.80	7.80	5.50	15.0	90.0	2100	2100
	RCC0805180MZ	7.80	7.80	5.50	18.0	100	2000	2000
	RCC0805220KZ	7.80	7.80	5.50	22.0	120	1700	1700
	RCC0805270KZ	7.80	7.80	5.50	27.0	140	1600	1600
	RCC0805330KZ	7.80	7.80	5.50	33.0	170	1400	1400
	RCC0805390KZ	7.80	7.80	5.50	39.0	210	1300	1300
	RCC0805470KZ	7.80	7.80	5.50	47.0	240	1200	1200
	RCC0805560KZ	7.80	7.80	5.50	56.0	310	1100	1100
	RCC0805680KZ	7.80	7.80	5.50	68.0	340	1000	1000
	RCC0805820KZ	7.80	7.80	5.50	82.0	400	930	930
	RCC0805101KZ	7.80	7.80	5.50	100	520	810	810
	RCC0805121KZ	7.80	7.80	5.50	120	590	760	760
	RCC0805151KZ	7.80	7.80	5.50	150	710	670	670
	RCC0805181KZ	7.80	7.80	5.50	180	890	620	620
	RCC0805221KZ	7.80	7.80	5.50	220	1040	540	540
	RCC0805271KZ	7.80	7.80	5.50	270	1280	490	490
	RCC0805331KZ	7.80	7.80	5.50	330	1470	440	440
	RCC0805391KZ	7.80	7.80	5.50	390	1670	410	410

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0805 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0805471KZF	7.80	7.80	5.50	470	1950	380	380
	RCC0805561KZF	7.80	7.80	5.50	560	2830	350	350
	RCC0805681KZF	7.80	7.80	5.50	680	3250	320	320
	RCC0805821KZF	7.80	7.80	5.50	820	3820	310	310
	RCC0805102KZF	7.80	7.80	5.50	1000	5280	250	250

THROUGH HOLE INDUCTOR — RCC0807 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0807100MZF	7.80	7.80	7.50	10.0	50.0	2900	2900
	RCC0807120MZF	7.80	7.80	7.50	12.0	60.0	2500	2500
	RCC0807150KZF	7.80	7.80	7.50	15.0	70.0	2200	2200
	RCC0807180KZF	7.80	7.80	7.50	18.0	80.0	1900	1900
	RCC0807220KZF	7.80	7.80	7.50	22.0	90.0	1800	1800
	RCC0807270KZF	7.80	7.80	7.50	27.0	110	1700	1700
	RCC0807330KZF	7.80	7.80	7.50	33.0	130	1500	1500
	RCC0807390KZF	7.80	7.80	7.50	39.0	140	1300	1300
	RCC0807470KZF	7.80	7.80	7.50	47.0	150	1300	1300
	RCC0807560KZF	7.80	7.80	7.50	56.0	180	1200	1200
	RCC0807680KZF	7.80	7.80	7.50	68.0	200	1100	1100
	RCC0807820KZF	7.80	7.80	7.50	82.0	240	1000	1000
	RCC0807101KZF	7.80	7.80	7.50	100	280	890	890
	RCC0807121KZF	7.80	7.80	7.50	120	360	810	810

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0807 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0807151KZF	7.80	7.80	7.50	150	420	720	720
	RCC0807181KZF	7.80	7.80	7.50	180	570	660	660
	RCC0807221KZF	7.80	7.80	7.50	220	630	570	570
	RCC0807271KZF	7.80	7.80	7.50	270	880	510	510
	RCC0807331KZF	7.80	7.80	7.50	330	1050	460	460
	RCC0807391KZF	7.80	7.80	7.50	390	1170	440	440
	RCC0807471KZF	7.80	7.80	7.50	470	1340	410	410
	RCC0807561KZF	7.80	7.80	7.50	560	1720	360	360
	RCC0807681KZF	7.80	7.80	7.50	680	1960	330	330
	RCC0807821KZF	7.80	7.80	7.50	820	2560	300	300
	RCC0807102KZF	7.80	7.80	7.50	1000	2940	270	270

THROUGH HOLE INDUCTOR — RCC0809 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0809100MZF	7.80	7.80	9.50	10.0	40.0	2600	2600
	RCC0809120MZF	7.80	7.80	9.50	12.0	40.0	2600	2600
	RCC0809150KZF	7.80	7.80	9.50	15.0	50.0	2100	2100
	RCC0809180KZF	7.80	7.80	9.50	18.0	50.0	2000	2000
	RCC0809220KZF	7.80	7.80	9.50	22.0	60.0	1700	1700
	RCC0809270KZF	7.80	7.80	9.50	27.0	60.0	1600	1600
	RCC0809330KZF	7.80	7.80	9.50	33.0	70.0	1400	1400
	RCC0809390KZF	7.80	7.80	9.50	39.0	80.0	1400	1400

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC0809 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC0809470KZF	7.80	7.80	9.50	47.0	100	1300	1300
	RCC0809560KZF	7.80	7.80	9.50	56.0	110	1200	1200
	RCC0809680KZF	7.80	7.80	9.50	68.0	140	1100	1100
	RCC0809820KZF	7.80	7.80	9.50	82.0	160	1000	1000
	RCC0809101KZF	7.80	7.80	9.50	100	190	900	900
	RCC0809121KZF	7.80	7.80	9.50	120	220	820	820
	RCC0809151KZF	7.80	7.80	9.50	150	270	740	740
	RCC0809181KZF	7.80	7.80	9.50	180	310	710	710
	RCC0809221KZF	7.80	7.80	9.50	220	380	640	640
	RCC0809271KZF	7.80	7.80	9.50	270	530	570	570
	RCC0809331KZF	7.80	7.80	9.50	330	610	510	510
	RCC0809391KZF	7.80	7.80	9.50	390	690	480	480
	RCC0809471KZF	7.80	7.80	9.50	470	890	430	430
	RCC0809561KZF	7.80	7.80	9.50	560	1010	400	400
	RCC0809681KZF	7.80	7.80	9.50	680	1180	350	350
	RCC0809821KZF	7.80	7.80	9.50	820	1570	320	320
	RCC0809102KZF	7.80	7.80	9.50	1000	1840	300	300

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1006 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1006100MZF	10.00	10.00	6.00	10.0	40.0	3600	3600
	RCC1006120MZF	10.00	10.00	6.00	12.0	44.0	3300	3300
	RCC1006150MZF	10.00	10.00	6.00	15.0	58.0	2900	2900
	RCC1006180MZF	10.00	10.00	6.00	18.0	64.0	2700	2700
	RCC1006220MZF	10.00	10.00	6.00	22.0	88.0	2400	2400
	RCC1006270MZF	10.00	10.00	6.00	27.0	100	2200	2200
	RCC1006330KZF	10.00	10.00	6.00	33.0	110	2000	2000
	RCC1006390KZF	10.00	10.00	6.00	39.0	140	1800	1800
	RCC1006470KZF	10.00	10.00	6.00	47.0	160	1700	1700
	RCC1006560KZF	10.00	10.00	6.00	56.0	190	1500	1500
	RCC1006680KZF	10.00	10.00	6.00	68.0	220	1400	1400
	RCC1006820KZF	10.00	10.00	6.00	82.0	290	1300	1300
	RCC1006101KZF	10.00	10.00	6.00	100	320	1300	1300
	RCC1006121KZF	10.00	10.00	6.00	120	380	1200	1200
	RCC1006151KZF	10.00	10.00	6.00	150	500	1000	1000
	RCC1006181KZF	10.00	10.00	6.00	180	560	840	840
	RCC1006221KZF	10.00	10.00	6.00	220	780	760	760
	RCC1006271KZF	10.00	10.00	6.00	270	920	690	690
	RCC1006331KZF	10.00	10.00	6.00	330	1100	620	620
	RCC1006391KZF	10.00	10.00	6.00	390	1300	570	570

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1006 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1006471KZF	10.00	10.00	6.00	470	1500	520	520
	RCC1006561KZF	10.00	10.00	6.00	560	1900	480	480
	RCC1006681KZF	10.00	10.00	6.00	680	2200	430	430
	RCC1006821KZF	10.00	10.00	6.00	820	2600	400	400
	RCC1006102KZF	10.00	10.00	6.00	1000	3200	360	360

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1008 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1008100MZF	10.00	10.00	8.00	10.0	27.0	4500	4500
	RCC1008120MZF	10.00	10.00	8.00	12.0	31.0	4100	4100
	RCC1008150MZF	10.00	10.00	8.00	15.0	36.0	3700	3700
	RCC1008180MZF	10.00	10.00	8.00	18.0	49.0	3400	3400
	RCC1008220MZF	10.00	10.00	8.00	22.0	55.0	3100	3100
	RCC1008270MZF	10.00	10.00	8.00	27.0	62.0	2800	2800
	RCC1008330KZF	10.00	10.00	8.00	33.0	79.0	2500	2500
	RCC1008390KZF	10.00	10.00	8.00	39.0	87.0	2300	2300
	RCC1008470KZF	10.00	10.00	8.00	47.0	99.0	2100	2100
	RCC1008560KZF	10.00	10.00	8.00	56.0	130	1900	1900
	RCC1008680KZF	10.00	10.00	8.00	68.0	140	1700	1700
	RCC1008820KZF	10.00	10.00	8.00	82.0	160	1600	1600
	RCC1008101KZF	10.00	10.00	8.00	100	210	1400	1400
	RCC1008121KZF	10.00	10.00	8.00	120	240	1300	1300
	RCC1008151KZF	10.00	10.00	8.00	150	320	1200	1200
	RCC1008181KZF	10.00	10.00	8.00	180	350	1100	1100
	RCC1008221KZF	10.00	10.00	8.00	220	450	960	960
	RCC1008271KZF	10.00	10.00	8.00	270	610	870	870
	RCC1008331KZF	10.00	10.00	8.00	330	690	790	790
	RCC1008391KZF	10.00	10.00	8.00	390	780	720	720

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1008 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1008471KZF	10.00	10.00	8.00	470	1000	660	660
	RCC1008561KZF	10.00	10.00	8.00	560	1200	600	600
	RCC1008681KZF	10.00	10.00	8.00	680	1400	550	550
	RCC1008821KZF	10.00	10.00	8.00	820	1800	500	500
	RCC1008102KZF	10.00	10.00	8.00	1000	2100	450	450

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1010 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1010100MZF	10.00	10.00	10.00	10.0	22.0	5300	5300
	RCC1010120MZF	10.00	10.00	10.00	12.0	23.0	4900	4900
	RCC1010150MZF	10.00	10.00	10.00	15.0	26.0	4400	4400
	RCC1010180MZF	10.00	10.00	10.00	18.0	33.0	4000	4000
	RCC1010220MZF	10.00	10.00	10.00	22.0	37.0	3600	3600
	RCC1010270MZF	10.00	10.00	10.00	27.0	48.0	3300	3300
	RCC1010330KZF	10.00	10.00	10.00	33.0	55.0	2900	2900
	RCC1010390KZF	10.00	10.00	10.00	39.0	73.0	2700	2700
	RCC1010470KZF	10.00	10.00	10.00	47.0	83.0	2500	2500
	RCC1010560KZF	10.00	10.00	10.00	56.0	92.0	2300	2300
	RCC1010680KZF	10.00	10.00	10.00	68.0	120	2100	2100
	RCC1010820KZF	10.00	10.00	10.00	82.0	140	1900	1900
	RCC1010101KZF	10.00	10.00	10.00	100	160	1700	1700
	RCC1010121KZF	10.00	10.00	10.00	120	200	1500	1500
	RCC1010151KZF	10.00	10.00	10.00	150	230	1400	1400
	RCC1010181KZF	10.00	10.00	10.00	180	310	1300	1300
	RCC1010221KZF	10.00	10.00	10.00	220	340	1100	1100
	RCC1010271KZF	10.00	10.00	10.00	270	400	1000	1000
	RCC1010331KZF	10.00	10.00	10.00	330	520	930	930
	RCC1010391KZF	10.00	10.00	10.00	390	650	860	860

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1010 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1010471KZF	10.00	10.00	10.00	470	710	780	780
	RCC1010561KZF	10.00	10.00	10.00	560	1000	710	710
	RCC1010681KZF	10.00	10.00	10.00	680	1100	650	650
	RCC1010821KZF	10.00	10.00	10.00	820	1300	590	590
	RCC1010102KZF	10.00	10.00	10.00	1000	1700	530	530

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1014 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1014100KZF	10.00	10.00	14.40	10.0	33.0	4000	4000
	RCC1014120KZF	10.00	10.00	14.40	12.0	35.0	3900	3900
	RCC1014150KZF	10.00	10.00	14.40	15.0	39.0	3700	3700
	RCC1014180KZF	10.00	10.00	14.40	18.0	47.0	3500	3500
	RCC1014220KZF	10.00	10.00	14.40	22.0	51.0	3300	3300
	RCC1014270KZF	10.00	10.00	14.40	27.0	57.0	3100	3100
	RCC1014330KZF	10.00	10.00	14.40	33.0	64.0	2900	2900
	RCC1014390KZF	10.00	10.00	14.40	39.0	74.0	2700	2700
	RCC1014470KZF	10.00	10.00	14.40	47.0	83.0	2500	2500
	RCC1014560KZF	10.00	10.00	14.40	56.0	104	2300	2300
	RCC1014680KZF	10.00	10.00	14.40	68.0	117	2100	2100
	RCC1014820KZF	10.00	10.00	14.40	82.0	130	1900	1900
	RCC1014101KZF	10.00	10.00	14.40	100	143	1700	1700
	RCC1014121KZF	10.00	10.00	14.40	120	195	1500	1500
	RCC1014151KZF	10.00	10.00	14.40	150	221	1400	1400
	RCC1014181KZF	10.00	10.00	14.40	180	260	1300	1300
	RCC1014221KZF	10.00	10.00	14.40	220	350	1200	1200
	RCC1014271KZF	10.00	10.00	14.40	270	390	1100	1100
	RCC1014331KZF	10.00	10.00	14.40	330	520	1000	1000
	RCC1014391KZF	10.00	10.00	14.40	390	570	920	920

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCC1014 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCC1014471KZF	10.00	10.00	14.40	470	650	840	840
	RCC1014561KZF	10.00	10.00	14.40	560	790	750	750
	RCC1014681KZF	10.00	10.00	14.40	680	960	690	690
	RCC1014821KZF	10.00	10.00	14.40	820	1220	620	620
	RCC1014102KZF	10.00	10.00	14.40	1000	1600	520	520

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCS0807 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCS0807220LZF	7.80	7.80	7.50	22.0	80.0	1600	1600
	RCS0807270LZF	7.80	7.80	7.50	27.0	100	1400	1400
	RCS0807330LZF	7.80	7.80	7.50	33.0	140	1300	1300
	RCS0807390LZF	7.80	7.80	7.50	39.0	150	1200	1200
	RCS0807470LZF	7.80	7.80	7.50	47.0	170	1100	1100
	RCS0807560KZF	7.80	7.80	7.50	56.0	190	990	990
	RCS0807680KZF	7.80	7.80	7.50	68.0	210	890	890
	RCS0807820KZF	7.80	7.80	7.50	82.0	270	810	810
	RCS0807101KZF	7.80	7.80	7.50	100	320	740	740
	RCS0807121KZF	7.80	7.80	7.50	120	360	670	670
	RCS0807151KZF	7.80	7.80	7.50	150	510	600	600
	RCS0807181KZF	7.80	7.80	7.50	180	570	550	550
	RCS0807221KZF	7.80	7.80	7.50	220	760	500	500
	RCS0807271KZF	7.80	7.80	7.50	270	860	450	450
	RCS0807331KZF	7.80	7.80	7.50	330	970	410	410
	RCS0807391KZF	7.80	7.80	7.50	390	1280	370	370
	RCS0807471KZF	7.80	7.80	7.50	470	1440	340	340
	RCS0807561KZF	7.80	7.80	7.50	560	1610	310	310
	RCS0807681KZF	7.80	7.80	7.50	680	2070	280	280
	RCS0807821KZF	7.80	7.80	7.50	820	2330	260	260
	RCS0807102KZF	7.80	7.80	7.50	1000	2720	230	230

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCS1008 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCS1008100MZF	10.00	10.00	8.00	10.0	50.0	2800	2800
	RCS1008120MZF	10.00	10.00	8.00	12.0	60.0	2500	2500
	RCS1008150MZF	10.00	10.00	8.00	15.0	70.0	2300	2300
	RCS1008180MZF	10.00	10.00	8.00	18.0	80.0	2100	2100
	RCS1008220MZF	10.00	10.00	8.00	22.0	90v	2000	2000
	RCS1008270MZF	10.00	10.00	8.00	27.0	100	1760	1760
	RCS1008330MZF	10.00	10.00	8.00	33.0	110	1600	1600
	RCS1008390MZF	10.00	10.00	8.00	39.0	120	1380	1380
	RCS1008470MZF	10.00	10.00	8.00	47.0	140	1280	1280
	RCS1008560KZF	10.00	10.00	8.00	56.0	150	1200	1200
	RCS1008680KZF	10.00	10.00	8.00	68.0	160	1000	1000
	RCS1008820KZF	10.00	10.00	8.00	82.0	180	960	960
	RCS1008101KZF	10.00	10.00	8.00	100	200	920	920
	RCS1008121KZF	10.00	10.00	8.00	120	240	800	800
	RCS1008151KZF	10.00	10.00	8.00	150	350	730	730
	RCS1008181KZF	10.00	10.00	8.00	180	400	640	640
	RCS1008221KZF	10.00	10.00	8.00	220	540	610	610
	RCS1008271KZF	10.00	10.00	8.00	270	760	560	560
	RCS1008331KZF	10.00	10.00	8.00	330	860	500	500
	RCS1008391KZF	10.00	10.00	8.00	390	930	440	440

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCS1008 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCS1008471KZF	10.00	10.00	8.00	470	1230	410	410
	RCS1008561KZF	10.00	10.00	8.00	560	1340	380	380
	RCS1008681KZF	10.00	10.00	8.00	680	1530	340	340
	RCS1008821KZF	10.00	10.00	8.00	820	2100	320	320
	RCS1008102KZF	10.00	10.00	8.00	1000	2300	280	280

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCS1010 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μ H)	DCR (m Ω)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCS1010100MZF	10.00	10.00	10.00	10.0	23.0	3510	3510
	RCS1010120MZF	10.00	10.00	10.00	12.0	24.0	3240	3240
	RCS1010150MZF	10.00	10.00	10.00	15.0	36.0	2880	2880
	RCS1010180MZF	10.00	10.00	10.00	18.0	39.0	2610	2610
	RCS1010220MZF	10.00	10.00	10.00	22.0	42.0	2340	2340
	RCS1010270MZF	10.00	10.00	10.00	27.0	45.0	2160	2160
	RCS1010330MZF	10.00	10.00	10.00	33.0	57.0	1890	1890
	RCS1010390MZF	10.00	10.00	10.00	39.0	76.0	1800	1800
	RCS1010470MZF	10.00	10.00	10.00	47.0	100	1620	1620
	RCS1010560KZF	10.00	10.00	10.00	56.0	110	1440	1440
	RCS1010680KZF	10.00	10.00	10.00	68.0	150	1350	1350
	RCS1010820KZF	10.00	10.00	10.00	82.0	160	1260	1260
	RCS1010101KZF	10.00	10.00	10.00	100	190	1080	1080
	RCS1010121KZF	10.00	10.00	10.00	120	210	990	990
	RCS1010151KZF	10.00	10.00	10.00	150	230	900	900
	RCS1010181KZF	10.00	10.00	10.00	180	260	820	820
	RCS1010221KZF	10.00	10.00	10.00	220	290	740	740
	RCS1010271KZF	10.00	10.00	10.00	270	360	670	670
	RCS1010331KZF	10.00	10.00	10.00	330	510	610	610
	RCS1010391KZF	10.00	10.00	10.00	390	690	550	550

MAGNETIC COMPONENTS

THROUGH HOLE INDUCTOR — RCS1010 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	RCS1010471KZF	10.00	10.00	10.00	470	980	510	510
	RCS1010561KZF	10.00	10.00	10.00	560	1100	460	460
	RCS1010681KZF	10.00	10.00	10.00	680	1200	420	420
	RCS1010821KZF	10.00	10.00	10.00	820	1300	380	380
	RCS1010102KZF	10.00	10.00	10.00	1000	1500	350	350

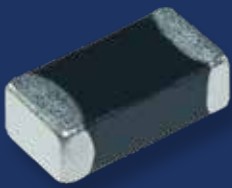
EMC COMPONENTS

FERRITE CHIP INDUCTOR

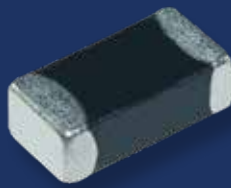
L2 SERIES	257
L3 SERIES	258
L201210 SERIES	259
L201610 SERIES	259
L252010 SERIES	260

FERRITE CHIP INDUCTOR

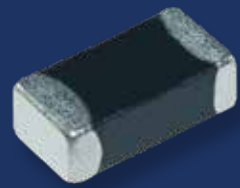
Superworld Electronics Ferrite Chip Inductors are of multi-layer and wirewound construction. They are magnetically self-shielded with ferrite powder and is ideal for EMI signal filtering.



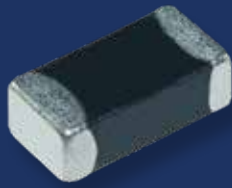
L2 SERIES



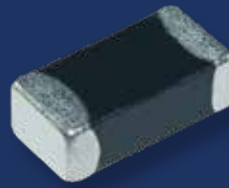
L3 SERIES



L201210 SERIES



L201610 SERIES



L252010 SERIES

EMC COMPONENTS

FERRITE CHIP INDUCTOR — L2 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L2-47N□-10	1.60	0.80	0.80	0.047	300	50.0	50.0
	L2-68N□-10	1.60	0.80	0.80	0.068	300	50.0	50.0
	L2-82N□-10	1.60	0.80	0.80	0.082	300	50.0	50.0
	L2-R10□-10	1.60	0.80	0.80	0.10	500	50.0	50.0
	L2-R12□-10	1.60	0.80	0.80	0.12	500	50.0	50.0
	L2-R15□-10	1.60	0.80	0.80	0.15	600	50.0	50.0
	L2-R18□-10	1.60	0.80	0.80	0.18	600	50.0	50.0
	L2-R22□-10	1.60	0.80	0.80	0.22	800	50.0	50.0
	L2-R27□-10	1.60	0.80	0.80	0.27	800	50.0	50.0
	L2-R33□-10	1.60	0.80	0.80	0.33	850	35.0	35.0
	L2-R39□-10	1.60	0.80	0.80	0.39	1000	35.0	35.0
	L2-R47□-10	1.60	0.80	0.80	0.47	1350	35.0	35.0
	L2-R56□-10	1.60	0.80	0.80	0.56	1550	35.0	35.0
	L2-R68□-10	1.60	0.80	0.80	0.68	1700	35.0	35.0
	L2-R82□-10	1.60	0.80	0.80	0.82	2100	35.0	35.0
	L2-1R0□-10	1.60	0.80	0.80	1.00	600	25.0	25.0
	L2-1R5□-10	1.60	0.80	0.80	1.50	800	25.0	25.0
	L2-1R8□-10	1.60	0.80	0.80	1.80	950	25.0	25.0
	L2-2R2□-10	1.60	0.80	0.80	2.20	1150	15.0	15.0
	L2-3R3□-10	1.60	0.80	0.80	3.30	1550	15.0	15.0
	L2-4R7□-10	1.60	0.80	0.80	4.70	2100	15.0	15.0
	L2-100□-10	1.60	0.80	0.80	10.0	2550	15.0	15.0

*Tolerance code: K=±10%, L=±15%, M=±20%

EMC COMPONENTS

FERRITE CHIP INDUCTOR — L3 SERIES

Item	Part Number	Dimension (mm) (L) (W) (H)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
	L3-47N□-10	2.00	1.25	0.85	0.047	200	300	300
	L3-68N□-10	2.00	1.25	0.85	0.068	200	300	300
	L3-82N□-10	2.00	1.25	0.85	0.082	200	300	300
	L3-R10□-10	2.00	1.25	0.85	0.10	300	250	250
	L3-R12□-10	2.00	1.25	0.85	0.12	300	250	250
	L3-R15□-10	2.00	1.25	0.85	0.15	400	250	250
	L3-R18□-10	2.00	1.25	0.85	0.18	400	250	250
	L3-R22□-10	2.00	1.25	0.85	0.22	500	250	250
	L3-R27□-10	2.00	1.25	0.85	0.27	500	250	250
	L3-R33□-10	2.00	1.25	0.85	0.33	550	250	250
	L3-R39□-10	2.00	1.25	0.85	0.39	650	200	200
	L3-R47□-10	2.00	1.25	1.25	0.47	650	200	200
	L3-R56□-10	2.00	1.25	1.25	0.56	750	150	150
	L3-R68□-10	2.00	1.25	1.25	0.68	800	150	150
	L3-1R0□-10	2.00	1.25	0.85	1.00	400	50.0	50.0
	L3-1R5□-10	2.00	1.25	0.85	1.50	500	50.0	50.0
	L3-1R8□-10	2.00	1.25	0.85	1.80	600	50.0	50.0
	L3-2R2□-10	2.00	1.25	0.85	2.20	650	30.0	30.0
	L3-2R7□-10	2.00	1.25	1.25	2.70	750	30.0	30.0
	L3-3R3□-10	2.00	1.25	1.25	3.30	800	30.0	30.0
	L3-4R7□-10	2.00	1.25	1.25	4.70	1000	30.0	30.0
	L3-100□-10	2.00	1.25	1.25	10.0	1150	15.0	15.0

*Tolerance code: K=±10%, L=±15%, M=±20%

EMC COMPONENTS

FERRITE CHIP INDUCTOR HIGH CURRENT — L201210 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L201210R47M-10	2.00	1.25	0.90	0.47	100	1100	1100
	L201210R68M-10	2.00	1.25	0.90	0.68	120	1000	1000
	L201210R82M-10	2.00	1.25	0.90	0.82	140	900	900
	L2012101R0M-10	2.00	1.25	0.90	1.00	160	800	800
	L2012101R2M-10	2.00	1.25	0.90	1.20	160	800	800
	L2012101R5M-10	2.00	1.25	0.90	1.50	220	700	700
	L2012101R8M-10	2.00	1.25	0.90	1.80	220	700	700
	L2012102R2M-10	2.00	1.25	0.90	2.20	250	600	600
	L2012103R3M-10	2.00	1.25	0.90	3.30	220	500	500
	L2012104R7M-10	2.00	1.25	0.90	4.70	300	500	500

*Tolerance code: M=±20%

FERRITE CHIP INDUCTOR HIGH CURRENT — L201610 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L201610R47M-10	2.00	1.60	0.90	0.47	140	1500	1500
	L201610R68M-10	2.00	1.60	0.90	0.68	150	1500	1500
	L201610R82M-10	2.00	1.60	0.90	0.82	160	1500	1500
	L2016101R0M-10	2.00	1.60	0.90	1.00	160	1400	1400
	L2016101R2M-10	2.00	1.60	0.90	1.20	160	1400	1400
	L2016101R5M-10	2.00	1.60	0.90	1.50	200	1200	1200
	L2016101R8M-10	2.00	1.60	0.90	1.80	200	1200	1200

*Tolerance code: M=±20%

EMC COMPONENTS

FERRITE CHIP INDUCTOR HIGH CURRENT — L201610 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	L2016102R2M-10	2.00	1.60	0.90	2.20	220	1200	1200
	L2016103R3M-10	2.00	1.60	0.90	3.30	240	1100	1100
	L2016104R7M-10	2.00	1.60	0.90	4.70	300	1100	1100

*Tolerance code: M=±20%

FERRITE CHIP INDUCTOR HIGH CURRENT — L252010 SERIES

Item	Part Number	Dimension (mm)			L, Inductance (μH)	DCR (mΩ)	IDC (mA)	
		(L)	(W)	(H)				
	L252010R47M-10	2.50	2.00	0.90	0.47	70.0	1800	1800
	L252010R68M-10	2.50	2.00	0.90	0.68	90.0	1700	1700
	L252010R82M-10	2.50	2.00	0.90	0.82	100	1700	1700
	L2520101R0M-10	2.50	2.00	0.90	1.00	110	1600	1600
	L2520101R2M-10	2.50	2.00	0.90	1.20	110	1600	1600
	L2520101R5M-10	2.50	2.00	0.90	1.50	130	1500	1500
	L2520101R8M-10	2.50	2.00	0.90	1.80	130	1500	1500
	L2520102R2M-10	2.50	2.00	0.90	2.20	170	1300	1300
	L2520103R3M-10	2.50	2.00	0.90	3.30	160	1200	1200
	L2520104R7M-10	2.50	2.00	0.90	4.70	200	1100	1100

*Tolerance code: M=±20%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR

C0 SERIES (0201)	263
C1 SERIES (0402)	265
C2 SERIES (0603)	267
C3 SERIES (0805)	269

CERAMIC CHIP INDUCTOR

Superworld Electronics multi-layer Ceramic Chip Inductors are recommended to be used in high frequency circuits. These ceramic inductors are available in various EIA sizes with low DCR and high reliability.



CO SERIES (0201)



C1 SERIES (0402)



C2 SERIES (0603)



C3 SERIES (0805)

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — CO SERIES (0201)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	CO-1N0S-E-10	0.60	0.30	0.30	1.00	0.11	470	470
	CO-1N2S-E-10	0.60	0.30	0.30	1.20	0.12	450	450
	CO-1N5S-E-10	0.60	0.30	0.30	1.50	0.13	430	430
	CO-1N8S-E-10	0.60	0.30	0.30	1.80	0.16	390	390
	CO-2N0S-E-10	0.60	0.30	0.30	2.00	0.17	380	380
	CO-2N1S-E-10	0.60	0.30	0.30	2.10	0.17	380	380
	CO-2N2S-E-10	0.60	0.30	0.30	2.20	0.19	360	360
	CO-2N4S-E-10	0.60	0.30	0.30	2.40	0.20	350	350
	CO-2N7S-E-10	0.60	0.30	0.30	2.70	0.21	340	340
	CO-3N0S-E-10	0.60	0.30	0.30	3.00	0.22	330	330
	CO-3N3S-E-10	0.60	0.30	0.30	3.30	0.23	320	320
	CO-3N6S-E-10	0.60	0.30	0.30	3.60	0.25	310	310
	CO-3N9S-E-10	0.60	0.30	0.30	3.90	0.27	300	300
	CO-4N3S-E-10	0.60	0.30	0.30	4.30	0.30	280	280
	CO-4N7S-E-10	0.60	0.30	0.30	4.70	0.30	280	280
	CO-5N1S-E-10	0.60	0.30	0.30	5.10	0.33	270	270
	CO-5N6S-E-10	0.60	0.30	0.30	5.60	0.36	260	260
	CO-6N2S-E-10	0.60	0.30	0.30	6.20	0.38	250	250
	CO-6N8J-E-10	0.60	0.30	0.30	6.80	0.39	250	250
	CO-7N5J-E-10	0.60	0.30	0.30	7.50	0.41	240	240
	CO-8N2J-E-10	0.60	0.30	0.30	8.20	0.45	230	230
	CO-9N1J-E-10	0.60	0.30	0.30	9.10	0.48	220	220

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C0 SERIES (0201)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C0-10NJ-E-10	0.60	0.30	0.30	10.0	0.51	220	220
	C0-12NJ-E-10	0.60	0.30	0.30	12.0	0.68	190	190
	C0-15NJ-E-10	0.60	0.30	0.30	15.0	0.71	180	180
	C0-18NJ-E-10	0.60	0.30	0.30	18.0	0.81	170	170
	C0-22NJ-E-10	0.60	0.30	0.30	22.0	1.00	150	150
	C0-27NJ-E-10	0.60	0.30	0.30	27.0	1.35	120	120

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C1 SERIES (0402)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C1-1N0S-E-10	1.00	0.50	0.50	1.00	0.10	300	300
	C1-1N2S-E-10	1.00	0.50	0.50	1.20	0.10	300	300
	C1-1N5S-E-10	1.00	0.50	0.50	1.50	0.10	300	300
	C1-1N8S-E-10	1.00	0.50	0.50	1.80	0.10	300	300
	C1-2N0S-E-10	1.00	0.50	0.50	2.00	0.12	300	300
	C1-2N2S-E-10	1.00	0.50	0.50	2.20	0.15	300	300
	C1-2N4S-E-10	1.00	0.50	0.50	2.40	0.16	300	300
	C1-2N7S-E-10	1.00	0.50	0.50	2.70	0.17	300	300
	C1-3N0S-E-10	1.00	0.50	0.50	3.00	0.18	300	300
	C1-3N3S-E-10	1.00	0.50	0.50	3.30	0.19	300	300
	C1-3N6S-E-10	1.00	0.50	0.50	3.60	0.19	300	300
	C1-3N9S-E-10	1.00	0.50	0.50	3.90	0.19	300	300
	C1-4N3S-E-10	1.00	0.50	0.50	4.30	0.21	300	300
	C1-4N7S-E-10	1.00	0.50	0.50	4.70	0.23	300	300
	C1-5N1S-E-10	1.00	0.50	0.50	5.10	0.24	300	300
	C1-5N6S-E-10	1.00	0.50	0.50	5.60	0.26	300	300
	C1-6N2S-E-10	1.00	0.50	0.50	6.20	0.27	300	300
	C1-6N8J-E-10	1.00	0.50	0.50	6.80	0.29	300	300
	C1-7N5J-E-10	1.00	0.50	0.50	7.50	0.31	300	300
	C1-8N2J-E-10	1.00	0.50	0.50	8.20	0.33	300	300
	C1-9N1J-E-10	1.00	0.50	0.50	9.10	0.34	300	300
	C1-10NJ-E-10	1.00	0.50	0.50	10.0	0.35	300	300

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C1 SERIES (0402)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C1-12NJ-E-10	1.00	0.50	0.50	12.0	0.41	300	300
	C1-15NJ-E-10	1.00	0.50	0.50	15.0	0.46	300	300
	C1-18NJ-E-10	1.00	0.50	0.50	18.0	0.51	300	300
	C1-22NJ-E-10	1.00	0.50	0.50	22.0	0.58	300	300
	C1-27NJ-E-10	1.00	0.50	0.50	27.0	0.67	300	300
	C1-33NJ-E-10	1.00	0.50	0.50	33.0	0.67	200	200
	C1-39NJ-E-10	1.00	0.50	0.50	39.0	1.06	200	200
	C1-47NJ-E-10	1.00	0.50	0.50	47.0	1.15	200	200
	C1-56NJ-E-10	1.00	0.50	0.50	56.0	1.20	200	200
	C1-68NJ-E-10	1.00	0.50	0.50	68.0	1.25	180	180
	C1-82NJ-E-10	1.00	0.50	0.50	82.0	1.60	150	150
	C1-R10J-E-10	1.00	0.50	0.50	100	1.60	150	150
	C1-R12J-E-10	1.00	0.50	0.50	120	1.60	150	150
	C1-R15J-E-10	1.00	0.50	0.50	150	2.99	140	140
	C1-R18J-E-10	1.00	0.50	0.50	180	3.38	150	150
	C1-R22J-E-10	1.00	0.50	0.50	220	3.77	120	120
	C1-R27J-E-10	1.00	0.50	0.50	270	4.90	110	110

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C2 SERIES (0603)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C2-1N0S-10	1.60	0.80	0.80	1.00	50.0	300	300
	C2-1N2S-10	1.60	0.80	0.80	1.20	50.0	300	300
	C2-1N5S-10	1.60	0.80	0.80	1.50	100	300	300
	C2-1N8S-10	1.60	0.80	0.80	1.80	100	300	300
	C2-2N2S-10	1.60	0.80	0.80	2.20	100	300	300
	C2-2N7S-10	1.60	0.80	0.80	2.70	100	300	300
	C2-3N3S-10	1.60	0.80	0.80	3.30	120	300	300
	C2-3N9S-10	1.60	0.80	0.80	3.90	140	300	300
	C2-4N7S-10	1.60	0.80	0.80	4.70	160	300	300
	C2-5N6S-10	1.60	0.80	0.80	5.60	180	300	300
	C2-6N8J-10	1.60	0.80	0.80	6.80	220	300	300
	C2-8N2J-10	1.60	0.80	0.80	8.20	240	300	300
	C2-10NJ-10	1.60	0.80	0.80	10.0	260	300	300
	C2-12NJ-10	1.60	0.80	0.80	12.0	280	300	300
	C2-15NJ-10	1.60	0.80	0.80	15.0	320	300	300
	C2-18NJ-10	1.60	0.80	0.80	18.0	350	300	300
	C2-22NJ-10	1.60	0.80	0.80	22.0	400	300	300
	C2-27NJ-10	1.60	0.80	0.80	27.0	450	300	300
	C2-33NJ-10	1.60	0.80	0.80	33.0	550	300	300
	C2-39NJ-10	1.60	0.80	0.80	39.0	600	300	300
	C2-47NJ-10	1.60	0.80	0.80	47.0	700	300	300
	C2-56NJ-10	1.60	0.80	0.80	56.0	750	300	300

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C2 SERIES (0603)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C2-68NJ-10	1.60	0.80	0.80	68.0	850	300	300
	C2-82NJ-10	1.60	0.80	0.80	82.0	950	300	300
	C2-R10J-10	1.60	0.80	0.80	100	1000	300	300
	C2-R12J-10	1.60	0.80	0.80	120	1200	300	300
	C2-R15J-10	1.60	0.80	0.80	150	1200	300	300
	C2-R18J-10	1.60	0.80	0.80	180	1300	300	300
	C2-R22J-10	1.60	0.80	0.80	220	1500	300	300
	C2-R27J-10	1.60	0.80	0.80	270	1900	300	300

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C3 SERIES (0805)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C3-1N0S-10	2.00	1.25	0.85	1.00	100	300	300
	C3-1N2S-10	2.00	1.25	0.85	1.20	100	300	300
	C3-1N5S-10	2.00	1.25	0.85	1.50	100	300	300
	C3-1N8S-10	2.00	1.25	0.85	1.80	100	300	300
	C3-2N2S-10	2.00	1.25	0.85	2.20	100	300	300
	C3-2N7S-10	2.00	1.25	0.85	2.70	100	300	300
	C3-3N3S-10	2.00	1.25	0.85	3.30	130	300	300
	C3-3N9S-10	2.00	1.25	0.85	3.90	150	300	300
	C3-4N7S-10	2.00	1.25	0.85	4.70	200	300	300
	C3-5N6S-10	2.00	1.25	0.85	5.60	230	300	300
	C3-6N8J-10	2.00	1.25	0.85	6.80	250	300	300
	C3-8N2J-10	2.00	1.25	0.85	8.20	280	300	300
	C3-10NJ-10	2.00	1.25	0.85	10.0	300	300	300
	C3-12NJ-10	2.00	1.25	0.85	12.0	350	300	300
	C3-15NJ-10	2.00	1.25	0.85	15.0	400	300	300
	C3-18NJ-10	2.00	1.25	0.85	18.0	450	300	300
	C3-22NJ-10	2.00	1.25	0.85	22.0	500	300	300
	C3-27NJ-10	2.00	1.25	0.85	27.0	550	300	300
	C3-33NJ-10	2.00	1.25	0.85	33.0	600	300	300
	C3-39NJ-10	2.00	1.25	0.85	39.0	650	300	300
	C3-47NJ-10	2.00	1.25	0.85	47.0	700	300	300
	C3-56NJ-10	2.00	1.25	0.85	56.0	750	300	300

*Tolerance code: S=±0.3nH, J=±5%

EMC COMPONENTS

CERAMIC CHIP INDUCTOR — C3 SERIES (0805)

Item	Part Number	Dimension (mm)			L, Inductance (nH)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	C3-68NJ-10	2.00	1.25	0.85	68.0	800	300	300
	C3-82NJ-10	2.00	1.25	0.85	82.0	900	300	300
	C3-R10J-10	2.00	1.25	0.85	100	900	300	300
	C3-R12J-10	2.00	1.25	0.85	120	950	300	300

*Tolerance code: S=±0.3nH, J=±5%

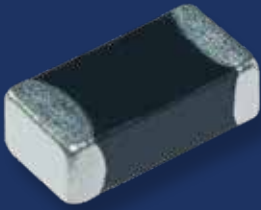
EMC COMPONENTS

FERRITE CHIP BEAD

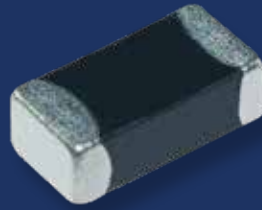
FERRITE CHIP BEAD	273
FERRITE CHIP BEAD - HIGH CURRENT	277
SINGLE LINE SM FERITE BEAD	280
FERRITE CHIP BEAD 4 LINE ARRAY	280

FERRITE CHIP BEAD

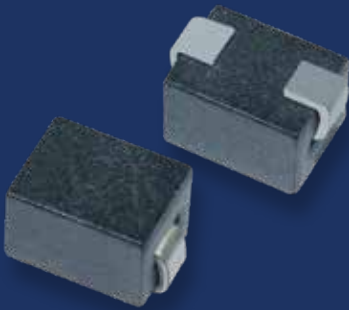
Superworld Electronics offers a broad selection of multi-layer Ferrite Chip Beads for EMI and noise filtering purposes. Our ferrite bead features sizes ranging from 0402 to 2220 with high impedance values.



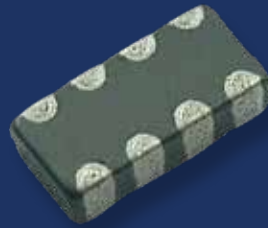
FERRITE CHIP BEAD



**FERRITE CHIP BEAD -
HIGH CURRENT**



**SINGLE LINE SM
FERRITE BEAD**



**FERRITE CHIP BEAD
4 LINE ARRAY**

EMC COMPONENTS

FERRITE CHIP BEAD — Z1 SERIES (0402)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z1K300-RC-10	1.00	0.50	0.50	30.0	200	300	300
	Z1K600-RC-10	1.00	0.50	0.50	60.0	250	300	300
	Z1M600-RA-10	1.00	0.50	0.50	60.0	300	100	100
	Z1K121-RA-10	1.00	0.50	0.50	120	300	100	100
	Z1M121-RA-10	1.00	0.50	0.50	120	450	80.0	80.0
	Z1K151-RA-10	1.00	0.50	0.50	150	300	100	100
	Z1K221-RA-10	1.00	0.50	0.50	220	400	100	100
	Z1M221-RA-10	1.00	0.50	0.50	220	600	50.0	50.0
	Z1K301-RA-10	1.00	0.50	0.50	300	500	100	100
	Z1M301-RA-10	1.00	0.50	0.50	300	750	50.0	50.0
	Z1K471-RA-10	1.00	0.50	0.50	470	650	100	100
	Z1K601-RA-10	1.00	0.50	0.50	600	800	80.0	80.0
	Z1K102-RA-10	1.00	0.50	0.50	1000	1200	50.0	50.0



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EMC COMPONENTS

FERRITE CHIP BEAD — Z2 SERIES (0603)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z2C100-RG-10	1.60	0.80	0.80	10.0	200	700	700
	Z2K300-RG-10	1.60	0.80	0.80	30.0	200	700	700
	Z2C300-RF-10	1.60	0.80	0.80	30.0	250	600	600
	Z2K600-RG-10	1.60	0.80	0.80	60.0	200	700	700
	Z2C600-RF-10	1.60	0.80	0.80	60.0	300	600	600
	Z2K121-RF-10	1.60	0.80	0.80	120	250	600	600
	Z2C121-RC-10	1.60	0.80	0.80	120	400	300	300
	Z2K151-RF-10	1.60	0.80	0.80	150	250	600	600
	Z2C151-RC-10	1.60	0.80	0.80	150	400	300	300
	Z2K221-RF-10	1.60	0.80	0.80	220	300	550	550
	Z2C221-RC-10	1.60	0.80	0.80	220	600	250	250
	Z2K301-RE-10	1.60	0.80	0.80	300	350	500	500
	Z2C301-RB-10	1.60	0.80	0.80	300	800	200	200
	Z2K471-RD-10	1.60	0.80	0.80	470	450	350	350
	Z2C471-RB-10	1.60	0.80	0.80	470	850	200	200
	Z2K601-RD-10	1.60	0.80	0.80	600	500	350	350
	Z2C601-RB-10	1.60	0.80	0.80	600	1200	150	150
	Z2K102-RB-10	1.60	0.80	0.80	1000	700	200	200
	Z2H152-RB-10	1.60	0.80	0.80	1500	1000	200	200
	Z2H202-RB-10	1.60	0.80	0.80	2000	1200	150	150



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EMC COMPONENTS

FERRITE CHIP BEAD — Z3 SERIES (0805)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z3N070-RF-10	2.00	1.25	0.85	7.00	100	600	600
	Z3K110-RI-10	2.00	1.25	0.85	11.0	100	900	900
	Z3K170-RF-10	2.00	1.25	0.85	17.0	100	600	600
	Z3K260-RF-10	2.00	1.25	0.85	26.0	100	600	600
	Z3K300-RF-10	2.00	1.25	0.85	30.0	100	600	600
	Z3K400-RF-10	2.00	1.25	0.85	40.0	100	600	600
	Z3K600-RI-10	2.00	1.25	0.85	60.0	100	900	900
	Z3K121-RH-10	2.00	1.25	0.85	120	200	800	800
	Z3C121-RF-10	2.00	1.25	0.85	120	250	600	600
	Z3K151-RH-10	2.00	1.25	0.85	150	200	800	800
	Z3K221-RH-10	2.00	1.25	0.85	220	300	750	750
	Z3C221-RD-10	2.00	1.25	0.85	220	300	400	400
	Z3K301-RG-10	2.00	1.25	0.85	300	300	700	700
	Z3C301-RD-10	2.00	1.25	0.85	300	350	400	400
	Z3K471-RG-10	2.00	1.25	0.85	470	350	700	700
	Z3K601-RE-10	2.00	1.25	0.85	600	400	500	500
	Z3K102-RD-10	2.00	1.25	0.85	1000	450	400	400
	Z3H102-RD-10	2.00	1.25	0.85	1000	450	400	400
	Z3H152-RD-10	2.00	1.25	0.85	1500	500	350	350
	Z3H202-RC-10	2.00	1.25	0.85	2000	600	250	250



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EMC COMPONENTS

FERRITE CHIP BEAD — Z4 SERIES (1206)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z4K310-RE-10	3.20	1.60	1.10	31.0	200	500	500
	Z4K500-RE-10	3.20	1.60	1.10	50.0	200	500	500
	Z4K700-RE-10	3.20	1.60	1.10	70.0	200	500	500
	Z4K900-RE-10	3.20	1.60	1.10	90.0	200	500	500
	Z4K121-RI-10	3.20	1.60	1.10	120	150	900	900
	Z4K151-RI-10	3.20	1.60	1.10	150	150	900	900
	Z4K221-RG-10	3.20	1.60	1.10	220	350	700	700
	Z4K301-RG-10	3.20	1.60	1.10	300	350	700	700
	Z4K601-RD-10	3.20	1.60	1.10	600	400	400	400
	Z4H102-RC-10	3.20	1.60	1.10	1000	600	300	300

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FERRITE CHIP BEAD — Z6 SERIES (1806)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z6K800-RE-10	4.50	1.60	1.60	80.0	100	500	300
	Z6K101-RE-10	4.50	1.60	1.60	100	100	500	300
	Z6K151-RC-10	4.50	1.60	1.60	150	500	300	100

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EMC COMPONENTS

FERRITE CHIP BEAD HIGH CURRENT — Z1 SERIES (0402)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z1M100-RM-10	1.00	0.50	0.50	10.0	50.0	2500	2500
	Z1K121-RL-10	1.00	0.50	0.50	120	95.0	2000	2000
	Z1K221-RK-10	1.00	0.50	0.50	220	150	1500	1500

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FERRITE CHIP BEAD HIGH CURRENT — Z2 SERIES (0603)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z2K300-RN-10	1.60	0.80	0.80	30.0	40.0	3000	3000
	Z2K800-RN-10	1.60	0.80	0.80	80.0	40.0	3000	3000
	Z2K121-RL-10	1.60	0.80	0.80	120	100	2000	2000
	Z2K151-RL-10	1.60	0.80	0.80	150	100	2000	2000
	Z2K221-RL-10	1.60	0.80	0.80	220	100	2000	2000
	Z2K301-RJ-10	1.60	0.80	0.80	300	200	1000	1000
	Z2K471-RJ-10	1.60	0.80	0.80	470	200	1000	1000
	Z2K601-RJ-10	1.60	0.80	0.80	600	200	1000	1000

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EMC COMPONENTS

FERRITE CHIP BEAD HIGH CURRENT — Z3 SERIES (0805)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z3K300-RN-10	2.00	1.25	0.85	30.0	40.0	3000	3000
	Z3K800-RN-10	2.00	1.25	0.85	80.0	40.0	3000	3000
	Z3K121-RL-10	2.00	1.25	0.85	120	100	2000	2000
	Z3K151-RL-10	2.00	1.25	0.85	150	100	2000	2000
	Z3K221-RL-10	2.00	1.25	0.85	220	100	2000	2000
	Z3K301-RJ-10	2.00	1.25	0.85	300	200	1000	1000
	Z3K471-RJ-10	2.00	1.25	0.85	470	200	1000	1000
	Z3K601-RJ-10	2.00	1.25	0.85	600	200	1000	1000



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FERRITE CHIP BEAD HIGH CURRENT — Z4 SERIES (1206)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z4K300-RN-10	3.20	1.60	1.10	30.0	40.0	3000	3000
	Z4K500-RN-10	3.20	1.60	1.10	50.0	40.0	3000	3000
	Z4K800-RN-10	3.20	1.60	1.10	80.0	40.0	3000	3000
	Z4K121-RL-10	3.20	1.60	1.10	120	100	2000	2000
	Z4K151-RL-10	3.20	1.60	1.10	150	100	2000	2000
	Z4K301-RJ-10	3.20	1.60	1.10	300	200	1000	1000
	Z4K471-RJ-10	3.20	1.60	1.10	470	200	1000	1000
	Z4K501-RN-10	3.20	1.60	1.10	500	40.0	3000	3000
	Z4K601-RL-10	3.20	1.60	1.10	600	100	2000	2000



AEC-Q200 | Please refer to our website for automotive part information

EMC COMPONENTS

FERRITE CHIP BEAD HIGH CURRENT — Z5 SERIES (1210)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z5K600-RP-10	3.20	2.50	1.30	60.0	30.0	4000	4000
	Z5K201-RP-10	3.20	2.50	1.30	200	30.0	4000	4000

 AEC-Q200 | Please refer to our website for automotive part information

FERRITE CHIP BEAD HIGH CURRENT — Z6 SERIES (1806)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z6K600-RT-10	4.50	1.60	1.60	60.0	10.0	6000	6000
	Z6K800-RN-10	4.50	1.60	1.60	80.0	40.0	3000	3000

 AEC-Q200 | Please refer to our website for automotive part information

FERRITE CHIP BEAD HIGH CURRENT— Z7 SERIES (1812)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	Z7K800-RT-10	4.50	3.20	1.50	80.0	10.0	6000	6000
	Z7K131-RN-10	4.50	3.20	1.50	130	40.0	3000	3000
	Z7K151-RR-10	4.50	3.20	1.50	150	20.0	5000	5000

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EMC COMPONENTS

SINGLE LINE SM FERRITE BEAD — Z3, Z4 & Z8 SERIES

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (A)	I _{sat} (A)
		(L)	(W)	(H)				
	Z323023W5400	3.08	2.90	2.20	23.0	0.60	21.0	21.0
	Z403025W4530	4.70	3.10	2.90	35.0	0.60	35.0	35.0
	Z853225W4101	9.00	3.10	2.80	65.0	1.00	35.0	35.0

FERRITE CHIP BEAD 4 LINE ARRAY — A4K SERIES (1206)

Item	Part Number	Dimension (mm)			Impedance (Ω)	DCR (mΩ)	I _{rms} (mA)	I _{sat} (mA)
		(L)	(W)	(H)				
	A4K300-RE-10	3.20	1.60	0.90	30.0	200	500	500
	A4K600-RD-10	3.20	1.60	0.90	60.0	250	400	400
	A4K121-RD-10	3.20	1.60	0.90	120	300	350	350
	A4K301-RC-10	3.20	1.60	0.90	300	400	250	250
	A4K601-RB-10	3.20	1.60	0.90	600	500	200	200
	A4K102-RB-10	3.20	1.60	0.90	1000	750	150	150



AEC-Q200 | Please refer to our website for automotive part information

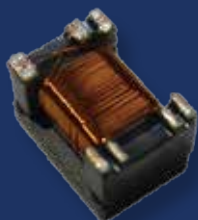
TRANSFORMERS

LAN TRANSFORMER

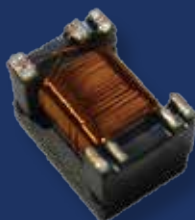
SLT3532 SERIES	283
SLT4352 SERIES	283
SLT1287 SERIES	284
SLT1610 SERIES	284
SLT1714 SERIES	286
SLT2814 SERIES	286

LAN TRANSFORMER

Superworld Electronics LAN Transformer provide both modules and design on board solutions for Ethernet Networks application. Our 100/1000/25G/5G/10GBASE Tx Ethernet transformer are compliance with IEEE802.3 standards. We offer both POE, POE+ and POE++ products.



SLT3532 SERIES



SLT4352 SERIES



SLT1287 SERIES



SLT1610 SERIES



SLT1714 SERIES



SLT2814 SERIES

TRANSFORMERS

LAN-TRANSFORMER — SLT353229201N4A

Item						
	Length (mm)	3.50	Width (mm)	3.20	Height (mm)	2.90
	Insertion Loss (dB)		-1.0(1~100MHz)			
	Inductance (μH)	200	Capacitance (pF)		35.0	

LAN-TRANSFORMER — SLT453229351N4A

Item						
	Length (mm)	4.70	Width (mm)	3.22	Height (mm)	2.90
	Insertion Loss (dB)		-1.5(1~100MHz)			
	Inductance (μH)	350	Capacitance (pF)		35.0	

LAN-TRANSFORMER — SLT453229381N4A

Item						
	Length (mm)	4.70	Width (mm)	3.22	Height (mm)	2.90
	Insertion Loss (dB)		-1.5(1~100MHz)			
	Inductance (μH)	380	Capacitance (pF)		35.0	

TRANSFORMERS

LAN-TRANSFORMER — SLT128740M162P7B0

	Item	Number of Ports	Single	Length (mm)	12.70
		Speed	100Base-Tx	Width (mm)	8.67
		PoE Rating	Non-PoE	Height (mm)	4.00

LAN-TRANSFORMER — SLT128740M162L7A8

	Item	Number of Ports	Single	Length (mm)	12.70
		Speed	100Base-Tx	Width (mm)	8.67
		PoE Rating	PoE, PoE+	Height (mm)	4.00

LAN-TRANSFORMER — SLT161040E241L1A8

	Item	Number of Ports	Single	Length (mm)	16.50
		Speed	2.5G/5GBase-Tx	Width (mm)	10.30
		PoE Rating	Non-PoE	Height (mm)	4.10

LAN-TRANSFORMER — SLT161040J241L1A9

	Item	Number of Ports	Single	Length (mm)	16.50
		Speed	10GBase-Tx	Width (mm)	10.30
		PoE Rating	Non-PoE	Height (mm)	4.10

TRANSFORMERS

LAN-TRANSFORMER — SLT161040G241P1A8

Item	Number of Ports	Single	Length (mm)	16.50
	Speed	1000Base-Tx	Width (mm)	10.30
	PoE Rating	Non-PoE	Height (mm)	4.10

LAN-TRANSFORMER — SLT161040G241L1A8

Item	Number of Ports	Single	Length (mm)	16.50
	Speed	1000Base-Tx	Width (mm)	10.30
	PoE Rating	PoE, PoE+	Height (mm)	4.10

LAN-TRANSFORMER — SLT161040E241Q1A9

Item	Number of Ports	Single	Length (mm)	16.50
	Speed	2.5G/5GBase-Tx	Width (mm)	10.30
	PoE Rating	PoE, PoE+, PoE++	Height (mm)	4.10

LAN-TRANSFORMER — SLT161040J241Q1A9

Item	Number of Ports	Single	Length (mm)	16.50
	Speed	10GBase-Tx	Width (mm)	10.30
	PoE Rating	PoE, PoE+, PoE++	Height (mm)	4.10

TRANSFORMERS

LAN-TRANSFORMER — SLT171445G241P7C8

Item	Number of Ports	Single	Length (mm)	17.53
	Speed	1000Base-Tx	Width (mm)	14.60
	PoE Rating	Non-PoE	Height (mm)	4.50

LAN-TRANSFORMER — SLT281450G481P1A8

Item	Number of Ports	Dual	Length (mm)	28.58
	Speed	1000Base-Tx	Width (mm)	14.60
	PoE Rating	Non-PoE	Height (mm)	5.00

TRANSFORMERS

HIGH FREQUENCY TRANSFORMER

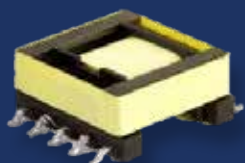
EFD15 CORE	289
ETD34 CORE	289
EE5 CORE	289
EE10.2 CORE	290
EI12.5 CORE	290
EP7 CORE	290
ER28 CORE	291
PQ20 CORE	291
RM4 CORE	291
RM5 CORE	291

PLANAR TRANSFORMER

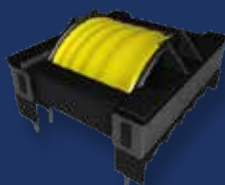
SPTPQ SERIES	292
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HIGH FREQUENCY & PLANAR TRANSFORMER

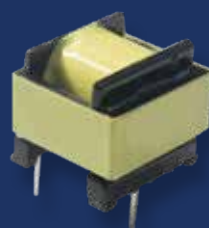
Superworld Electronics transformers are designed with different form fit and height profile to handle small to high power applications. We manufacture and customise transformers with different characteristics to meet our customer's application requirements.



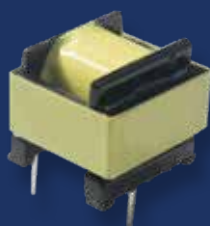
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ETD34 CORE



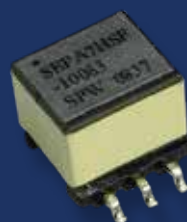
EE5 CORE



EE10.2 CORE



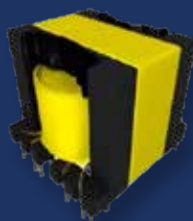
EI12.5 CORE



EP7 CORE



ER28 CORE



PQ20 CORE



RM4 CORE



RM5 CORE



SPTPQ SERIES

TRANSFORMERS

HIGH-FREQUENCY TRANSFORMER — EFDB5HSF-10321

Item				
	Core	EFD15	Length (mm)	16.50
	No of Terminal Pins	10	Width (mm)	21.00
	Power (W)	3 - 10	Height (mm)	5.90

HIGH-FREQUENCY TRANSFORMER — EFDB5HTF-50733

Item				
	Core	EFD15	Length (mm)	16.75
	No of Terminal Pins	8	Width (mm)	16.76
	Power (W)	3 - 10	Height (mm)	8.89

HIGH-FREQUENCY TRANSFORMER — ETDD4HTF-50738

Item				
	Core	ETD34	Length (mm)	40.00
	No of Terminal Pins	14	Width (mm)	44.00
	Power (W)	100 - 200	Height (mm)	35.00

HIGH-FREQUENCY TRANSFORMER — SEEA5HSF-50542

Item				
	Core	EE5	Length (mm)	6.50
	No of Terminal Pins	6	Width (mm)	7.80
	Power (W)	1	Height (mm)	5.80

TRANSFORMERS

HIGH-FREQUENCY TRANSFORMER — SEEB0VTF-50728

Item				
	Core	EE10.2	Length (mm)	11.30
	No of Terminal Pins	8	Width (mm)	11.30
	Power (W)	1 - 5	Height (mm)	12.30

HIGH-FREQUENCY TRANSFORMER — SEIB2VTF-50724

Item				
	Core	EI12.5	Length (mm)	13.00
	No of Terminal Pins	12	Width (mm)	12.50
	Power (W)	3 - 10	Height (mm)	9.50

HIGH-FREQUENCY TRANSFORMER — SEPA7HSF-50370

Item				
	Core	EP7	Length (mm)	10.82
	No of Terminal Pins	6	Width (mm)	13.46
	Power (W)	5	Height (mm)	8.71

HIGH-FREQUENCY TRANSFORMER — SEPA7HT-50741

Item				
	Core	EP7	Length (mm)	10.00
	No of Terminal Pins	6	Width (mm)	8.75
	Power (W)	5	Height (mm)	10.00

TRANSFORMERS

HIGH-FREQUENCY TRANSFORMER — SERC8VTF-50547

Item				
	Core	ER28	Length (mm)	31.50
	No of Terminal Pins	12	Width (mm)	29.00
	Power (W)	50 - 85	Height (mm)	37.50

HIGH-FREQUENCY TRANSFORMER — SPQC0VTF-50115

Item				
	Core	PQ20	Length (mm)	23.80
	No of Terminal Pins	14	Width (mm)	23.80
	Power (W)	20 - 50	Height (mm)	21.00

HIGH-FREQUENCY TRANSFORMER — SRMA4VTF-50772

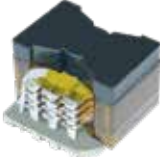
Item				
	Core	RM4	Length (mm)	14.00
	No of Terminal Pins	6	Width (mm)	13.50
	Power (W)	6	Height (mm)	11.00

HIGH-FREQUENCY TRANSFORMER — SRMA5VSF-50505

Item				
	Core	RM5	Length (mm)	16.70
	No of Terminal Pins	8	Width (mm)	19.40
	Power (W)	5 - 10	Height (mm)	11.00

TRANSFORMERS

PLANAR TRANSFORMER — SPTPQID2T-B6059

Item				
	Max Output Power (W)	250	Length (mm)	34.00
	Frequency (Hz)	50k - 150k	Width (mm)	33.50
	-		Height (mm)	22.00

PLANAR TRANSFORMER — SPTPQD5T-B6038

Item				
	Max Output Power (W)	850	Length (mm)	36.50
	Frequency (Hz)	50k - 200k	Width (mm)	37.50
	-		Height (mm)	31.00

PLANAR TRANSFORMER — SPTPQE0T-B6039

Item				
	Max Output Power (W)	1200	Length (mm)	42.00
	Frequency (Hz)	50k - 200k	Width (mm)	52.50
	-		Height (mm)	37.00

PLANAR TRANSFORMER — SPTPQIF0T-B6060

Item				
	Max Output Power (W)	2000	Length (mm)	52.00
	Frequency (Hz)	50k - 200k	Width (mm)	55.00
	-		Height (mm)	28.00

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