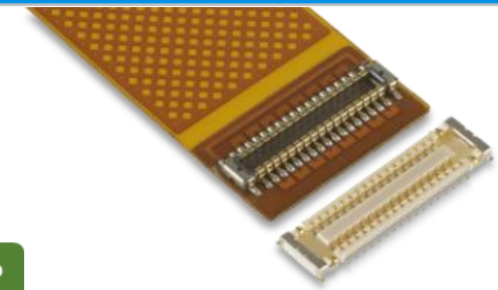

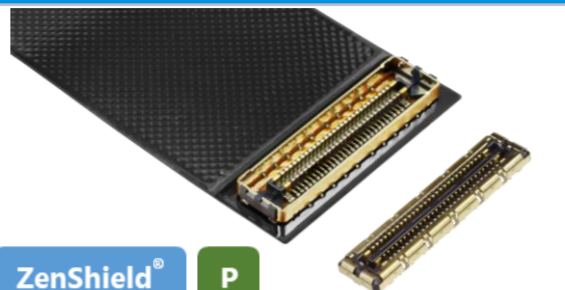


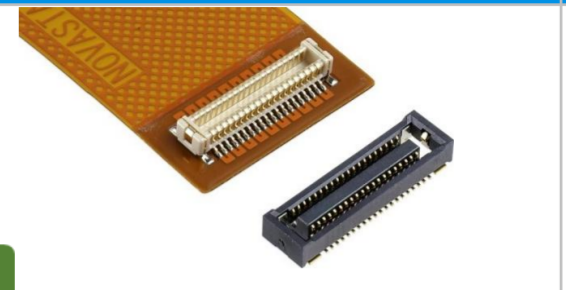
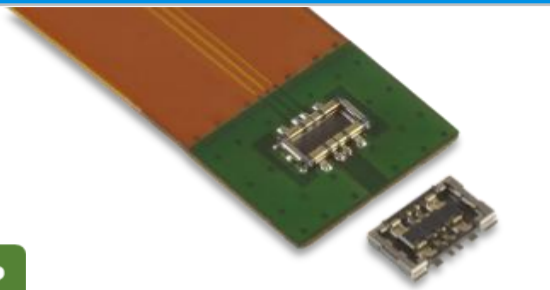


Board-to-Board Connectors

ZenShield® Fully EMI Shielded

P Power pin

Click on each product information to jump to the web.

Product name		NOVASTACK® 35-P	NOVASTACK® 35-HDP	NOVASTACK® 35-HDP 12	NOVASTACK® 35-HDN	NOVASTACK® 35-HDH	NOVASTACK® 35-PH	NOVASTACK® -B
Appearance								
Feature		Equipped hold-down combined power terminal	High-speed (20 + Gbps) Fully-shielded High power	High profile High power Fully-shielded	High-frequency (-15 GHz) High-speed (20 + Gbps) Fully-shielded	High-speed (40 Gbps) Fully-shielded High profile	Authentic high-profile design with hold-down combined power terminal	High power (6 A x 4 pins)
Receptacle P/N		20709-0**E-**	20698-0**E-01*	21151-0**E-01	20865-0**E-**	21004-0**E	20843-0**E-21	20713-004E-0*
Plug P/N		20708-0**E-**	20697-0**E-01*	21150-0**E-01	20864-0**E-**	21003-0**E	20842-0**E-21	20712-004E-0*
Pitch		0.35 mm	0.35 mm	0.35 mm	0.35 mm	0.35 mm	0.35 mm	0.4 (signal), 1.7 (power) mm
Pin count *	Range	10 to 80 (signal contact) + 2 (power hold-down)	6 to 76 (signal contact) + 4 (power contact)	10 to 80 (signal contact) + 4 (power contact)	10 to 60	10 to 70	10 to 50 (signal contact) + 2 (power hold-down)	2 to 4 (signal contact) + 4 (power contact)
	Available	10, 14, 16, 18, 20, 24, 30, 34, 40, 50, 60 (signal contact) + 2 (power hold-down)	16, 28, 34, 42, 56, 62 (signal contact) + 4 (power contact)	22, 56, 62 (signal contact) + 4 (Power contact)	10, 20, 30	60, 70	10, 30, 40, 50 (signal contact) + 2 (power hold-down)	4 (signal contact) + 4 (power contact)
	Stack height	0.7 +/- 0.1 mm	0.7 +/- 0.05 mm	1.2 +/- 0.05 mm	0.7 +/- 0.05 mm	1.5 +/- 0.10 mm	1.5 +/- 0.06 mm	0.6 +/- 0.1 mm
Mated Size	Width	2.17 + (0.35 x pin count/2) mm	4.89 + (0.35 x pin count/2) mm	4.86 + (0.35 x pin count / 2) mm	4.15 (10 pin) mm 5.90 (20 pin) mm 7.90 (30 pin) mm	3.3 + (0.35 x pin count/2) mm	2.65 + (0.35 x pin count/2) mm	3.20 + (0.4 x pin count/2) mm
	Depth	2.3 mm	3.7 mm	3.7 mm	2.15 mm	3.64 mm	2.8 mm	2.6 mm
Wiping Length		0.19 (10 to 50 pin) mm 0.13 (52 to 80 pin) mm	Signal contact : 0.11 mm Power contact : 0.13 mm	Signal contact : 0.19 mm Power contact : 0.27 mm	0.14 mm	0.33 mm	0.32 mm	0.1 mm
Current Rating	Signal Pin	0.3 A/pin	0.3 A/pin	0.3 A/pin	1.0 A /pin (max. 10 pin) (12 pin and over : 12.0 A AC/DC (Total))	0.5 A/pin (12.0 A max. (Total))	0.3 A/pin	1.0 A/pin
	Power Pin	2.0 A/pin x 2	2.2 A/pin x 4	4.5 A/pin	-	-	3.0 A/pin x 2	6.0 A/pin x 4
Operating Temperature		-40 to + 85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C	-40 to +85°C

Note : (*) Please inquire for pin counts not listed as available or outside of the pin count range

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Twinaxial
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IARPB[®]
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