

TFT's chip fuses are manufactured using a process similar to Current Sensing Resistors (CSRs). These components have our patented Thin Film metal foil technology printed directly on the ceramic substrate which is then trimmed to the correct current or resistance rating.

Walter Electronics, one of our partner companies within the JW Group produces our brick and DIP axial fuses. The brick fuses are comprised of ceramic tubes filled with silica sand and silver-plated brass electrodes connected by a fuse element soldered to each terminal. The DIP ceramic axial style fuses are available with single caps or double cap ends for increased durability. Both styles are very suitable for Mass Production (MP).



Chip



Brick



DIP Fuse

Surface Mount Chip Fuses

Size (L*W)	Type	Current Rating/ Voltage	Breaking Capacity	Safety Certifications
1.0mm x 0.5mm	Fast Acting	1A — 5A / 32Vdc	35A @ 32Vdc	UL
1.6mm x 0.8mm	Fast Acting	0.5A — 0.75A / 125Vdc	50A @ 63Vdc or 125Vdc	UL
		1A - 6A / 63Vdc		
3.2mm x 1.6mm	Time-Lag	1A—6A / 32Vdc	50A @ 32Vdc (1-5A)	UL, TUV
			60A @ 32Vdc (6A)	
3.2mm x 1.6mm	Fast Acting	0.375A—0.75A / 125Vdc	50A @ 63Vdc or 125Vdc	UL
		1A — 10A / 63Vdc		
	Time-Lag	1A — 10A / 63Vdc	50A @ 63Vdc	UL
3.3mm x 1.7mm	High Current/ Fast Acting	12A & 15A / 35Vdc	150A @ 35Vdc	UL
		20A—40A / 48Vdc	200A @ 48Vdc	

Brick Fuses

Size (L*W)	Type	Current Rating/ Voltage	Breaking Capacity	Safety Certifications
10mm x 3.2mm	Time-Lag	0.5A — 5A / 250Vac	50A @ 250Vac	UL, CQC TUV*
	High Inrush	1.25A / 250Vac	200A @ 250Vac	UL, CQC, TUV, PSE
6.1mm x 2.5mm	Time-Lag	1A — 5A 250Vac/125Vac	50A @ 250Vac	UL
6.4mm x 2.6mm	Time-Lag	0.5A — 6.3A / 250Vac	50A @ 250Vac 80A @ 125Vdc	UL, CQC, TUV*

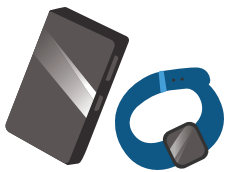
DIP Fuses

Size (D*W)	Type	Current Rating/ Voltage	Breaking Capacity	Safety Certifications
Ø4.0mm x 11mm	Time-Lag/Double Cap	250mA—6.3A / 250Vac	35A @ 250Vac (250mA-3.15A)	UL, VDE, SEMKO, CCC, KC*
			10In @250Vac (4A-6.3A)	
Ø5.9mm x 21.5mm	Fast Acting/ Double Cap	250mA — 15A / 250Vac	1500A @ 250Vac (250mA ~ 15A)	UL, VDE, BSI, CCC, PSE*
			10KA @ 125V (200mA~6.3A)	
			8A — 25A / 420Vac/dc	300A @ 420Vac/dc
Ø5.2mm x 20mm	Time-Lag/Single Cap	200mA— 15A / 250Vac	1500A @ 250Vac	UL, VDE, CCC, CQC, PSE, KC*
			1500A @ 250Vac (15A & 20A)	
Ø6.35mm x 31.75mm	Time-Lag/Single Cap	15A—30A / 250Vac	500A @ 250Vac (25A & 30A)	UL, TUV, CQC*
			1500A @ 250Vac (15A & 20A)	
Ø6.9mm x 32.75mm	Time-Lag/Double Cap	15A—30A / 250Vac	1500A @ 250Vac (15A & 20A)	UL, TUV, CQC*
			1000A @ 250Vac (25A & 30A)	

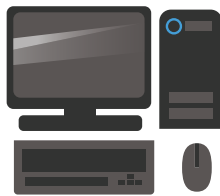
Size (LxWxH)	Type	Current Rating/ Voltage	Breaking Capacity	Safety Certifications
8.2mm x 4mm x 8.1mm	Time-Lag	100mA—20A / 250Vac	130A @ 250Vac (100mA & 10A)	UL, VDE, TUV, CCC, PSE SEMKO, KC*
			160A @ 125V & 250Vac (12A & 20A)	
8.2mm x 4mm x 5mm	Time-Lag	100mA—6.3A / 250Vac	160A @ 250Vac	UL, VDE, CCC, PSE, KC*

Applications

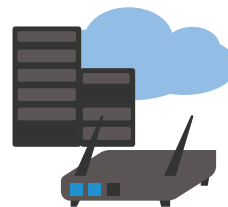
TFT is committed to helping you shape the future of electrical protection with a fuse line that not only meets but exceeds your expectations. As development and expansion on the fuse line progresses, you can trust TFT to deliver solutions that redefine industry standards, setting new benchmarks for performance, adaptability, and cost-effectiveness.



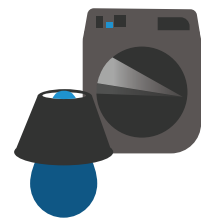
Mobile Electronics



Computer & Auxiliary



Communication
& Cloud



Lighting &
Home Appliances

Since its inception in 1979 and joining the Juneway Group in 2013, TFT has been leading the way as a seasoned manufacturer of high-quality electronic components. Through a steadfast dedication to quality and ingenuity, TFT has built a trusted reputation of expertise focused on serving the needs of its longstanding clients and has broadened its scope and reach.

A comprehensive product portfolio allows TFT to supply diverse industries, showcasing an ability to provide custom project solutions. TFT's cutting-edge engineering innovations ensure components meet the highest performance and reliability standards. With competitive lead times and flexible pricing structures, TFT maintains a customer-centric approach focused on responding to dynamic market trends. As a leader in component manufacturing, TFT's legacy of quality and innovation continues to shape the future.

If you do not see your exact specifications or certification needs, please contact our sales department

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