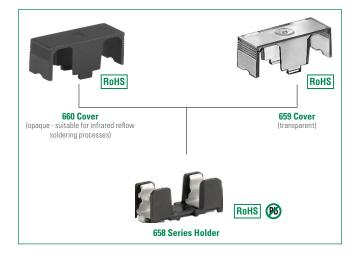


Cartridge Fuse Blocks

Fuse Block > 658 Series

658 Series Molded Base Surface Mount Fuse Block For 5×20mm Fuses





Agency File Number
40001499
E70164*

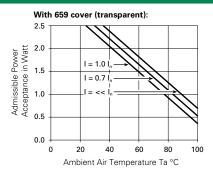
*See Ordering Info

Product Characteristics

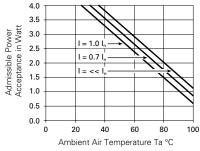
Compatible Fuse	<u>5×20 mm</u>
Materials	Clip Frame: 65800001xxx: UL94 V-0 Black Thermoplastic 65800003xxx: UL94 V-0 Black LCP 65800004xxx: UL94 V-0 Black LCP
inaterials	Clip Terminals: 65800001xxx: Tin (Sn) plated copper alloy 65800003xxx: Tin (Sn) plated copper alloy 65800004xxx: Gold (Au) plated copper alloy
Electrical Data	Rated Voltage: 250 Vac (VDE); 500 Vac/dc (UL/CSA) Rated Current: UL (16 A) VDE (10 A)
	Rated Power Acceptance (at ambient air temp 23 °C): - 4 W without cover - 4 W with 660 cover - 2.5 W with 659 cover
Mounting	SMT. Reflow soldering
Operating Temperature	-40 °C to +85 °C
Stock Conditions	0 °C to +60 °C, max 70% Relative humidity
Vibration Resistance	According to IEC 60068-2-6, test Fc
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3 kV, 50 Hz, 1 min.
Impulse Withstand Voltage	> 4 kV between L-N
Insulation Resistance	(500 V DC/1 min): >10 MΩ
Solderability	245 - 260 °C / max. 30 sec. acc. to JEDEC J-STD-020D
Soldering Profile	JEDEC J-STD-020C: - 65800001xxx: 245(+0/-5)°C / 30 sec max. - 65800003xxx: 260(+0/-5)°C / 30 sec max. - 65800004xxx: 260(+0/-5)°C / 30 sec max. for information on proper fuse block re-rating.

Note: If used with covers, refer to *<u>Fuseology</u>* for information on proper fuse block re-rating.

Re-Rating Curves

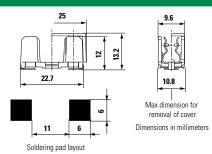


Without cover or with 660 cover (opaque):



© 2021 Littelfuse, Inc. Specifications are subject to change without notice. Revised: 07/08/21

Dimensions

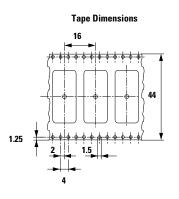




Cartridge Fuse Blocks

Fuse Block > 658 Series

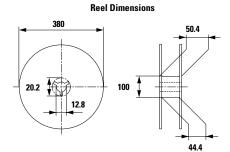
Packaging Dimensions (milimeter)



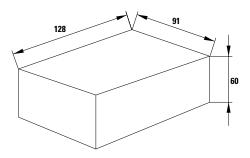
Ordering Information

65800001009	Fuse Holder - Thermoplastic / Tin terminals (100 pcs bulk)
65800001109	Fuse Holder - Thermoplastic / Tin terminals (400 pcs tape & reel)
65800003009	Fuse Holder - LCP plastic / Tin terminals (100 pcs bulk)
65800003109	Fuse Holder - LCP plastic /Tin terminals (400 pcs tape & reel)
65900001009*	Fuse Holder Cover - Transparent plastic (100 pcs bulk)
66000001009	Fuse Holder Cover - Opaque plastic, suitable for infrared (IR) reflow soldering processes (100 pcs bulk)

* Not UL Recognized



Ammo Pack Dimensions



Additional Information ¥



659 Series

660 Series





Resources 659 Series





J

Samples 658 Series

Samples

659 Series

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at: www.littelfuse.com/disclaimer-electronics.