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



RoHS



RoHS

660 Cover
(OPAQUE - SUITABLE FOR INFRARED REFLOW SOLDERING PROCESSES)

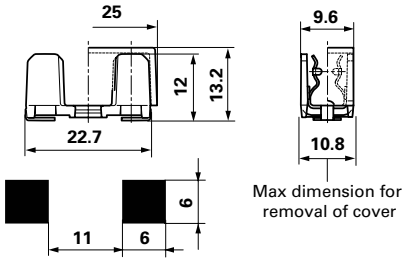
659 Cover
(TRANSPARENT)



RoHS

658 Series Holder

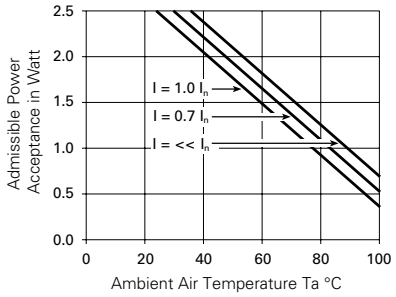
Product Dimensions (milimeter)



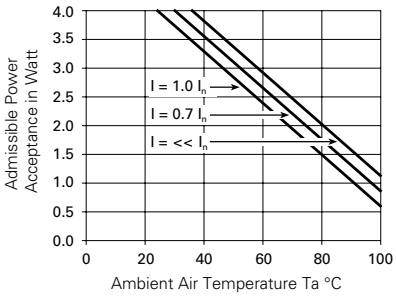
Soldering pad layout

Derating Curves

With 659 cover (transparent):



Without cover or with 660 cover (opaque):



Product Characteristics

Compatible Fuse	**5×20 mm**
Materials	**Clip Frame:** 65800001xxx: UL94 V-0 Black Thermoplastic 65800003xxx: UL94 V-0 Black LCP 65800004xxx: UL94 V-0 Black LCP
	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); 250 VAC/DC (UL/CSA)
	Rated Current: 10A
	Rated Power Acceptance (at ambient air temp 23°C)**:** - 4W without cover - 4W with 660 cover - 2.5W 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	acc. to IEC 60068-2-6, test Fc
Contact Resistance	< 5 mΩ at 20 mV
Dielectric Strength	> 3kV, 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 JE-DEC 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.

* Ensure that proper fuse re-rating is factored in fuseholder selection.

Agency Approval

Agency	Agency File Number
VDE	40001499
c UL us	E70164*

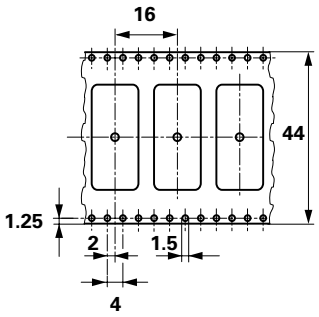
*See Ordering Info

Application testing is strongly recommended.

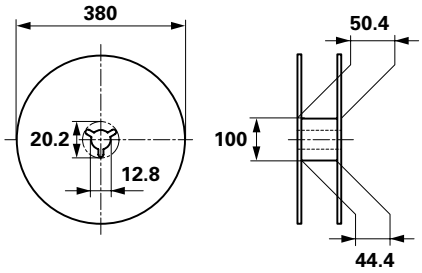
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Revised: 01/31/18

Packaging Dimensions (milimeter)

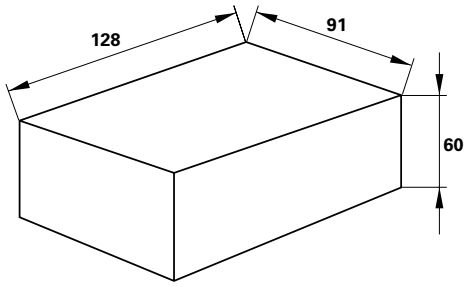
Tape Dimensions



Reel Dimensions



Ammo Pack Dimensions



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)
65800004009*	Fuse Holder - LCP plastic / Gold terminals (100 pcs bulk)
65800004109*	Fuse Holder - LCP plastic / Gold 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 or CSA.

Additional Information

Datasheet 658 Series	**Resources 658 Series**	**Samples 658 Series**
659 Series	**Resources 659 Series**	**Samples 659 Series**
660 Series	**Resources 660 Series**	**Samples 660 Series**

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