656 Series

Molded Base PC Mount Fuse Block For 5×20mm Fuses





Additional Information



Resources 658 Series



Resources 659 Series



Resources 660 Series



Accessories 658 Series



Accessories 659 Series



Accessories 660 Series



Samples 658 Series



Samples 659 Series



Samples 660 Series

Agency Approval

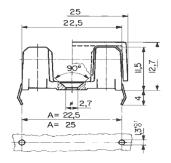
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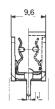
Product Characteristics

Compatible Fuse Size	<u>5×20mm</u>		
Materials	Holder: Black Thermoplastic UL94 V-0		
iviateriais	Metal Parts: Tin plated copper alloy		
Electrical Data	Rated Voltage: VDE 500 VAC UL 500 VAC/DC Rated Current: 30 A (UL)/10 A (VDE) 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	656: Solder pins 0.4mm×1.1mm Ø 2.7mm screw hole may be used optionally		
Operating Temperature	-40 °C to +85 °C		
Climatic Category	40/085/21 according to IEC 60068-1		
Stock Conditions	0 °C to 60 °C, at max. 70% relative humidity		
Vibration Resistance	According to IEC 60068-2-6, Test Fc		
Contact Resistance	<5 mΩ		
Dielectric Strength	> 3 kV, 50 Hz, 1 min.		
Impulse withstand Voltage	> 4 kV between life parts		
Insulation Resistance	(500 V DC/1 min): >10 M Ω between live parts of different potentials		
Solderability	245 °C/3 sec. according to IEC 60068-2-20, Test Ta, method 1		
Soldering Heat Resistance	260 °C/10 sec. according to IEC 60068-2-20, test Tb method 1		
Minimum Cross Section	Conducting path - 0.2 mm ²		
Torque/fixing screw	Max. 0.3 Nm		

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

Dimensions





Max. dimension for removal of cover Dimensions in Millimeters

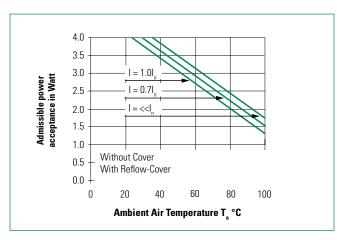
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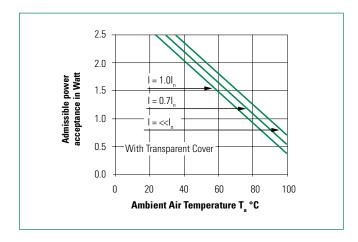
Molded Base PC Mount Fuse Block For 5×20mm Fuses

Ordering Information

Part Number	Description	Packaging	Pieces	UL	VDE
65600001009	Fuse Block - "A" dimension 22.5mm 16 AMP	Bulk Pack	100	16A	10A
65600201009	Fuse Block - "A" dimension 22.5mm 20 AMP	Bulk Pack	100	20A	N/A
65600301009	Fuse Block - "A" dimension 22.5mm 30 AMP	Bulk Pack	100	30A	N/A
65600001409	Fuse Block - "A" dimension 25mm 16 AMP	Bulk Pack	100	16A	10A
65900000009	Fuse Holder Cover - Transparent plastic	Bulk Pack	100	N/A	N/A
66000001009	Fuse Holder Cover - Opaque plastic, suitable for infrared (IR) reflow soldering process	Bulk Pack	100	N/A	N/A

Re-rating Curves

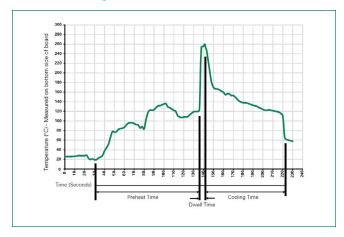




Soldering Parameters-Wave Soldering

Wave Parameter	Lead-Free Recommendation		
Preheat: (Depends on Flex Activation Temperature)	(Typical Industry Recommendation)		
Temperature Minimum	100 °C		
Temperature Maximum	150 °C		
Preheat Time	60-180 seconds		
Solder Pot Temperature	260 °C Maximum		
Solder Dwell Time	2-5 seconds		

Recommended Hand-Solder Parameters: Solder Iron Temperature: 350 $^{\circ}\text{C}$ +/- 5 $^{\circ}\text{C}$ Heating Time: 5 seconds max.



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