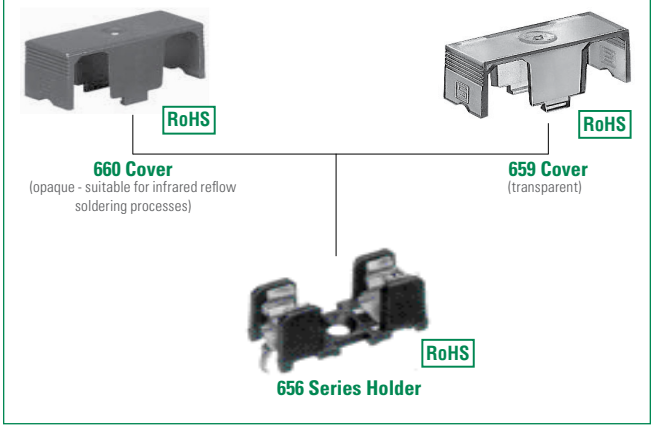
656 Series Molded Base PC Mount Fuse Block For 5×20mm Fuses



Agency Approval

Agency	Agency File Number
	40001499
	E70164

Additional Information

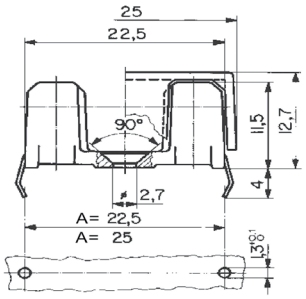
Datasheet | Resources | Samples

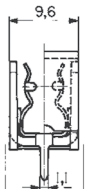
Product Characteristics

Compatible Fuse Size	5x20mm
Materials	**Holder:** Black Thermoplastic UL94 V-0
	Metal Parts: Tin plated copper alloy
Electrical Data	**Rated Voltage:** VDE 250 VAC UL 500 VAC/DC
	Rated Current: 16 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 MΩ 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 mm²
Torque/fixing screw	Max. 0.3 Nm

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

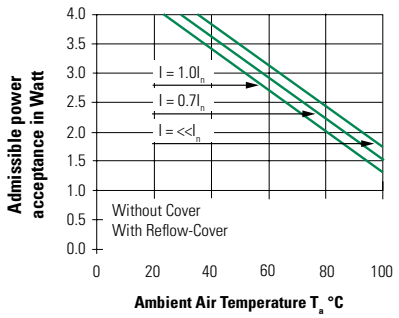
Dimensions

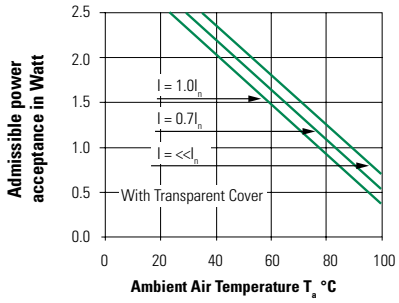




Max. dimension for removal of cover
Dimensions in Millimeters

Re-rating Curves





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Revised: 07/09/21

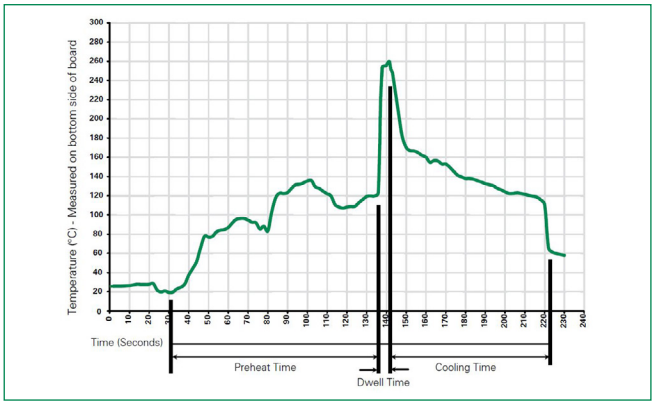
Cartridge Fuse Blocks

Fuse Block > 656 Series

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 °C +/- 5 °C
Heating Time: 5 seconds max.



Ordering Information

Part Number	Description	Packaging
65600001009	Fuse Block - "A" dimension 22.5mm	Bulk Pack (100 Pcs)
65600001409	Fuse Block - "A" dimension 25mm	Bulk Pack (100 Pcs)
65900000009	Fuse Holder Cover - Transparent plastic	Bulk Pack (100 Pcs)
66000001009	Fuse Holder Cover - Opaque plastic, suitable for infrared (IR) reflow soldering process	Bulk Pack (100 Pcs)

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Revised: 07/09/21