

658 Series Molded Base Surface Mount Fuse Block For 5x20mm Fuses



Agency Approval

| Agency | Agency File Number |
|--------|--------------------|
| | 40001499 |
| | E70164* |

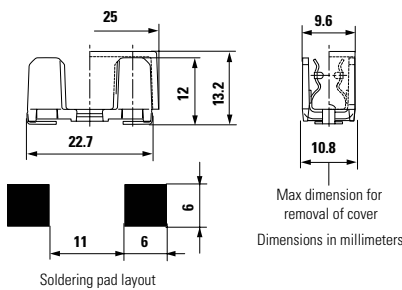
*See Ordering Info

Product Characteristics

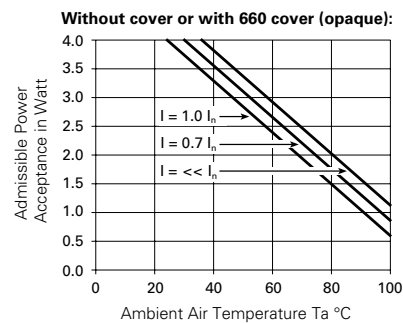
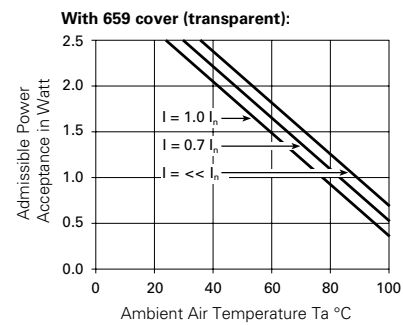
| Compatible Fuse | 5x20 mm |
|----------------------------------|--|
| Materials | Clip Frame: 65800001xxx: UL94 V-0 Black Thermoplastic 65800003xxx: UL94 V-0 Black LCP 65800004xxx: UL94 V-0 Black LCP |
| | Clip Terminals: 65800001xxx: Tin (Sn) plated copper alloy 65800003xxx: Tin (Sn) plated copper 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 | According 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 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. |

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

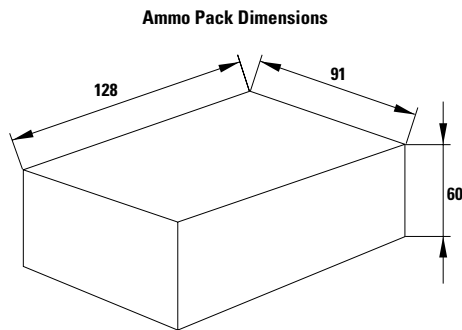
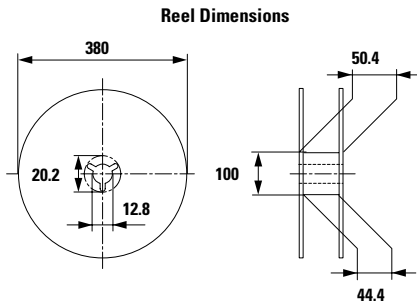
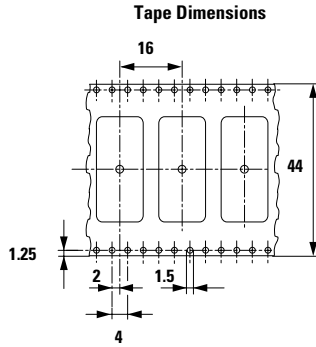
Dimensions



Re-Rating Curves



Packaging Dimensions (millimeter)



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
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660 Series



Resources
660 Series



Samples
660 Series