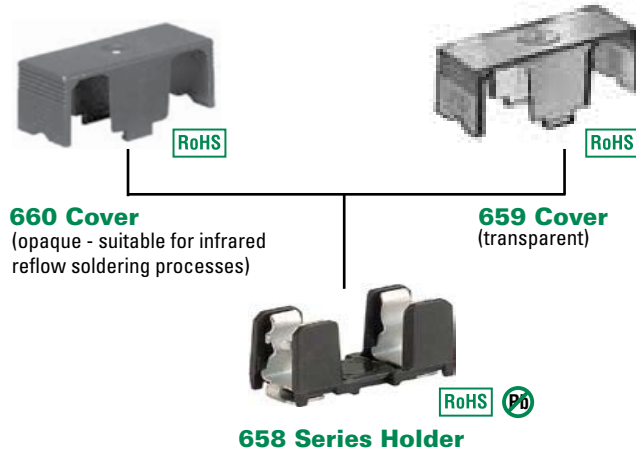
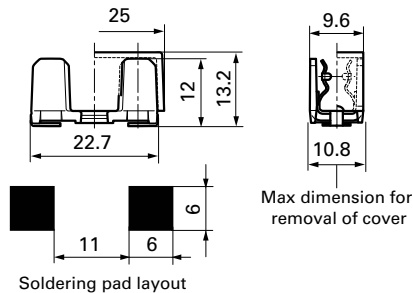


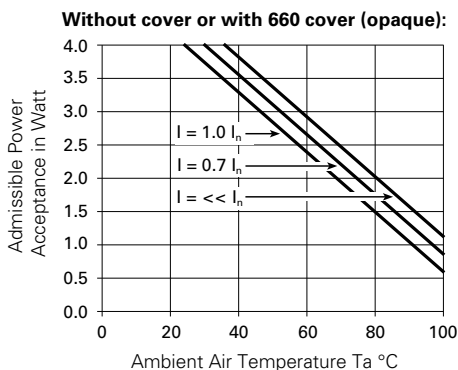
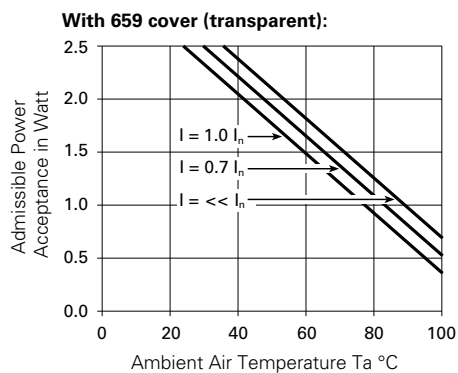
## 658 Series Holder and Covers



### Dimensions (millimeter)



### Derating Curves



### Product Characteristics

| Compatible Fuse Sizes     | 5 x 20 mm  |
|---------------------------|--|
| Materials                 | <b>Clip Frame:</b><br>65800001xxx: UL94 V-0 Black Thermoplastic<br>65800003xxx: UL94 V-0 Black LCP<br>65800004xxx: UL94 V-0 Black LCP                          |
|                           | <b>Clip Terminals:</b><br>65800001xxx: Tin (Sn) plated copper alloy<br>65800003xxx: Tin (Sn) plated copper alloy<br>65800004xxx: Gold (Au) plated copper alloy |
| Electrical Data           | <b>Rated Voltage:</b> 250V   |
|                           | <b>Rated Current:</b> 10A  |
|                           | <b>Rated Power Acceptance</b> (at ambient air temp 23°C):<br>- 4W without cover<br>- 4W with 660 cover<br>- 2.5W with 659 cover                                |
| Mounting                  | Surface mounting; suitable for reflow and vapor-phase soldering  |
| Operating Temperature     | -40°C to +85°C (consider de-rating)  |
| Climatic Test             | GPF according to DIN 40040   |
| Stock Conditions          | +10°C to +60°C<br>relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%   |
| Vibration Resistance      | Frequency range 10-500 Hz, crossover frequency 60 Hz<br>< 60 Hz constant amplitude of 0.75mm<br>> 60 Hz constant acceleration of 10g                           |
| Contact Resistance        | 5mΩ  |
| Dielectric Strength       | > 3kV, 50 Hz, 1 min.   |
| Impulse withstand Voltage | Ü1.2/50: > 12 kV between live parts of different potentials  |
| Insulation Resistance     | (500 V DC/1 min): >10 MΩ   |
| Solderability             | 235°C / 2s, acc. to IEC 60068-2-58 test Td   |
| Soldering Profile         | JEDEC J-STD-020C:<br>- 65800001xxx: 240(+/-5)°C / 20-40s<br>- 65800003xxx: 260(+/-5)°C / 20-40s<br>- 65800004xxx: 260(+/-5)°C / 20-40s                         |
| Soldering Heat Resistance | 260°C/10s, acc to IEC60068-2-20 test Tb  |
| Minimum Cross Section     | Conducting path - 0.2mm <sup>2</sup>   |

### Part Numbers and Descriptions

|             |  |
|-------------|--|
| 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)   |
| 65900000009 | Fuse Holder Cover - Transparent plastic (100 pcs bulk)   |
| 66000000109 | Fuse Holder Cover - Opaque plastic, suitable for infrared (IR) reflow soldering processes (100 pcs bulk) |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Littelfuse:](#)

[65800001109](#) [65800001009](#) [65800003109](#)