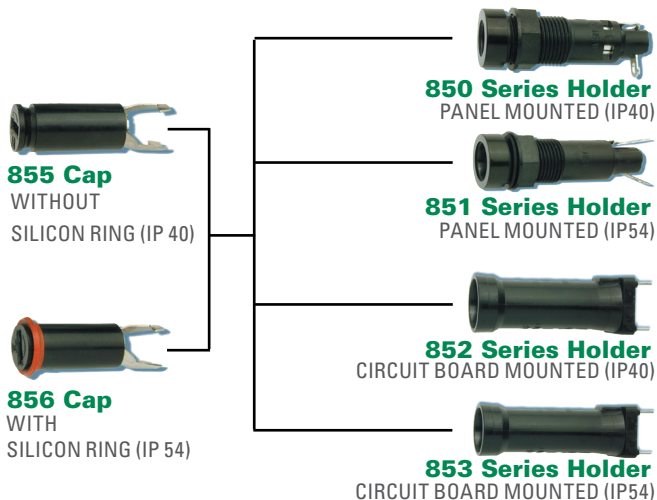


### 850/851/852/853 Series Enclosed Holders for 5x20mm Fuses



| Agency Approval |                    |           |
|-----------------|--------------------|-----------|
| Agency          | Agency File Number |           |
|                 | 136713 UG          | 136716 UG |
|                 | E70164             | E70164    |

#### Additional Information

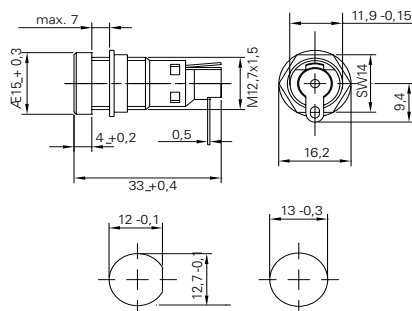


#### Product Characteristics 850

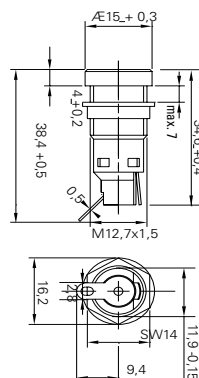
|                                        | 850/851 Series                                                                                               | 852/853 Series                                     |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Compatible Fuse</b>                 | 5x20mm                                                                                                       |                                                    |
| <b>Materials</b>                       | <b>Holder:</b> Black Duroplastic<br><b>Cap:</b> Black Thermoplastic<br>Both UL94VO                           | <b>Holder/Cap:</b> Black Thermoplastic, UL 94VO    |
|                                        | <b>Sealing Ring:</b> Silicon (Cap 856)                                                                       |                                                    |
|                                        | <b>Metal Parts:</b> Copper alloy, corrosion protected                                                        |                                                    |
|                                        | <b>Terminals:</b> Solderable tinned                                                                          |                                                    |
| <b>Electrical Data (23°C)</b>          | <b>Rated Voltage:</b> 250V                                                                                   |                                                    |
|                                        | <b>Rated Current:</b> 10 A                                                                                   | <b>Rated Current:</b> 6.3A (VDE)<br>12A (UL)       |
|                                        | <b>Rated Power:</b> 3.2 W (VDE)                                                                              | <b>Rated Power:</b> 2W (VDE)                       |
| <b>Mounting</b>                        | 12.7mm diameter D-hole or 13mm round hole Admissible torque on plastic hex nut is 1.2Nm                      | (2) Solder pins 0.5mmx1.1mm                        |
| <b>Terminals</b>                       | Solderable only, 4mmx0.5mm (850)<br>Solderable or 2.8mm quick connect - fits 0.5mm tab (851)                 |                                                    |
| <b>Protection Class &amp; Category</b> | IP 40 (with Cap 855 acc. to IEC 60529)<br>IP 54 (with Cap 856 acc. to IEC 60529)<br>PC2 (IEC 60127-6)        |                                                    |
| <b>Operating Temp.</b>                 | -40°C to +85°C (consider de-rating)                                                                          |                                                    |
| <b>Climatic Test</b>                   | -40°C/+85°C/21 days (IEC 60068-2-1...3)                                                                      |                                                    |
| <b>Stock Conditions</b>                | +10°C to +60°C relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%          |                                                    |
| <b>Vibration Resistance</b>            | 24 cycles at 15 min. each (IEC 60068-2-6)<br>10 - 60Hz at 0.75mm amplitude<br>60 - 500Hz at 10g acceleration |                                                    |
| <b>Contact Resistance</b>              | ≤ 5mΩ                                                                                                        |                                                    |
| <b>Impulse Voltage</b>                 | 4 kV, 50Hz, 1 min., dry                                                                                      |                                                    |
| <b>Insulation Resistance</b>           | > 10 <sup>3</sup> MΩ (500VDC, 1 min.)                                                                        |                                                    |
| <b>Solderability</b>                   | 235°C, 2 sec. (Wave) 350°C, 1 sec. (Soldering Iron)                                                          |                                                    |
| <b>Soldering Heat Resistance</b>       | 350°C, 5 sec. (IEC 60068-2-20)                                                                               |                                                    |
| <b>Minimum Cross Section</b>           | Conductor - 1.5mm <sup>2</sup>                                                                               | Conducting path - 0.2mm <sup>2</sup>               |
| <b>Marking</b>                         | Part No., 250V, Approvals                                                                                    |                                                    |
| <b>Unit Weight</b>                     | 4.1g (850) / 1.8g (855)<br>4.2g (851) / 1.9g (856)                                                           | 3.2g (852) / 1.8g (855)<br>3.2g (853) / 1.9g (856) |

### Dimensions 850

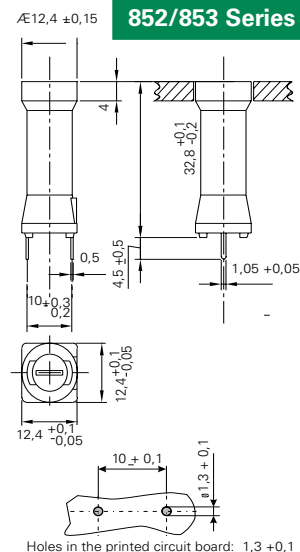
#### 850 Series



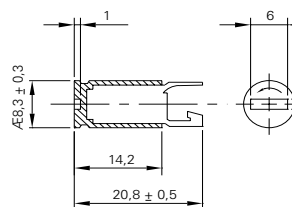
#### 851 Series



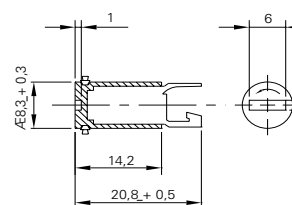
#### 852/853 Series



#### 855 Cap



#### 856 Cap



### Ordering Information

| Description                | Ordering Number | Packaging |
|----------------------------|-----------------|-----------|
| Cap, w/out ring (IP40)     | 855 0000 1009   | Bulk 100  |
| Cap, w/silicon ring (IP54) | 856 0000 1009   | Bulk 100  |
| 850 Series Holder (IP40)   | 850 0000 1009   | Bulk 100  |
| 851 Series Holder (IP54)   | 851 0000 1009   | Bulk 100  |
| 852 Series Holder (IP40)   | 852 0000 1009   | Bulk 100  |
| 853 Series Holder (IP54)   | 853 0000 1009   | Bulk 100  |