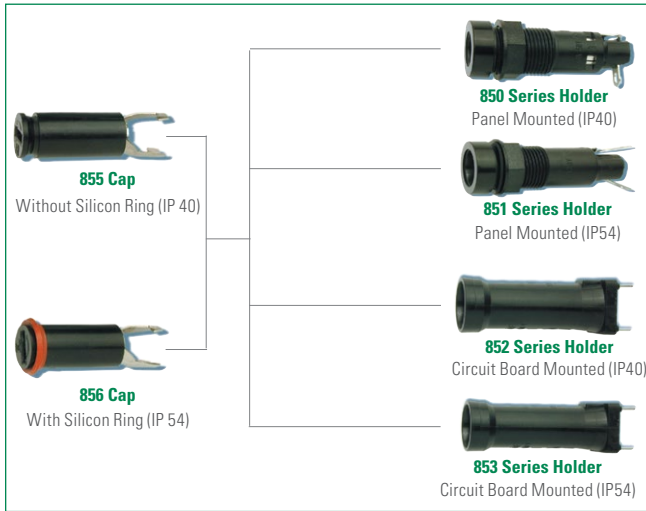


### 850/851/852/853 Series Enclosed Fuse Holders for 5×20mm Fuses



#### Agency Approval

| Agency                                                                            | Part Number        |     |          |     |
|-----------------------------------------------------------------------------------|--------------------|-----|----------|-----|
|                                                                                   | 850                | 851 | 852      | 853 |
|                                                                                   | Agency File Number |     |          |     |
|  | 400345355          |     | 40033885 |     |
|                                                                                   | E70164             |     |          |     |

#### Additional Information



**Datasheet  
850 Series**



**Datasheet  
851 Series**



**Datasheet  
852 Series**



**Datasheet  
853 Series**



**Resources  
850 Series**



**Resources  
851 Series**



**Resources  
852 Series**



**Resources  
853 Series**



**Samples  
850 Series**



**Samples  
851 Series**



**Samples  
852 Series**



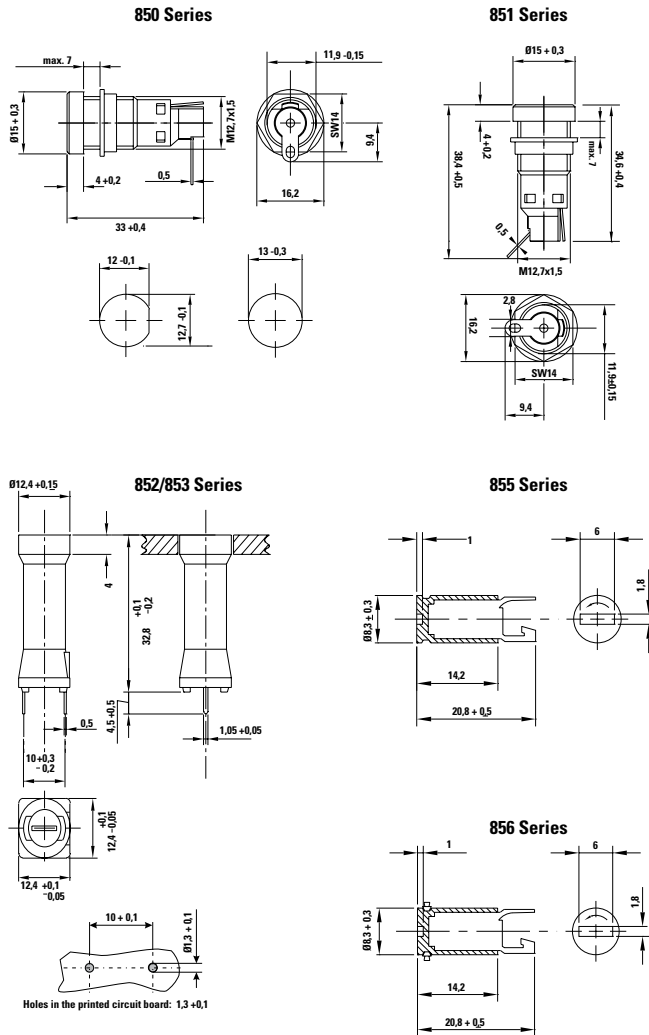
**Samples  
853 Series**

#### Product Characteristics

|                                        | 850/851 Series                                                                                  | 852/853 Series                                          |
|----------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| <b>Compatible Fuse</b>                 | <b>5×20mm</b>                                                                                   |                                                         |
| <b>Materials</b>                       | <b>Holder:</b> Black Thermoplastic                                                              |                                                         |
|                                        | <b>Cap:</b> Black Thermoplastic Both UL94V0                                                     |                                                         |
|                                        | <b>Sealing Ring:</b> Silicon (Cap 856)                                                          |                                                         |
|                                        | <b>Metal Parts:</b> Copper alloy, corrosion protected                                           |                                                         |
| <b>Electrical Data (23°C)</b>          | <b>Terminals:</b> Solderable tinned                                                             |                                                         |
|                                        | <b>Rated Voltage:</b> 250V                                                                      |                                                         |
|                                        | <b>Rated Current:</b> 10A (UL and VDE)                                                          | <b>Rated Current:</b> 6.3A (VDE) 12A (UL)               |
|                                        | <b>Rated Power:</b> 3.2W (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 0.5mm×1.1mm                             |
|                                        | Solderable only, 4mm×0.5mm (850) 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) IP 54 (with Cap 856 acc. to IEC 60529) PC2 (IEC 60127-6) |                                                         |
| <b>Operating Temp.</b>                 | -40°C to +85°C                                                                                  |                                                         |
| <b>Climatic Test</b>                   | -40°C/+85°C/21 days (IEC 60068-2-1...3)                                                         |                                                         |
| <b>Stock Conditions</b>                | 0°C to 60°C, Max 70% R.H.                                                                       |                                                         |
| <b>Contact Resistance</b>              | ≤ 5mΩ at 20mV                                                                                   |                                                         |
| <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>                   | 350°C/2 sec. acc to IEC 60068-2-20, Test Ta, method 2                                           | 235°C/2 sec. acc to IEC 60068-2-20, Test Tb, method 1   |
| <b>Soldering Heat Resistance</b>       | 350°C/10 sec. acc to IEC 60068-2-20, Test Tb, method 2                                          | 260°C/10 sec. acc to IEC 60068-2-20, Test Tb, method 1A |
| <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)                                                                         | 3.2g (852) / 1.8g (855)                                 |
|                                        | 4.2g (851) / 1.9g (856)                                                                         | 3.2g (853) / 1.9g (856)                                 |

**Note:** Refer to [Fuseology](#) for information on proper fuseholder re-rating.

### Dimensions



### Ordering Information

| Description                | Ordering Number | Packaging |
|----------------------------|-----------------|-----------|
| Cap, w/out ring (IP40)     | 85500001009     | Bulk 100  |
| Cap, w/silicon ring (IP54) | 85600001009     | Bulk 100  |
| 850 Series Holder (IP40)   | 85000001009     | Bulk 100  |
| 851 Series Holder (IP54)   | 85100001009     | Bulk 100  |
| 852 Series Holder (IP40)   | 85200001009     | Bulk 100  |
| 853 Series Holder (IP54)   | 85300001009     | Bulk 100  |