Enclosed Fuseholders > Circuit Board Mounted

2,632,600,512,310
∅12,3

Dimensions

Finger Grip Type

Flush Mount Type

652 Series Holder

653 Cap
Flush Mount Type

655 Cap
Finger Grip Type

Design 07: Without Silicon Washer (IP 40)
Design 04: With Silicon Washer (IP 54) Between Holder and Cap

Product Characteristics

<table>
<thead>
<tr>
<th>Compatible Fuse Types</th>
<th>5x20mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holder/Cap:</td>
<td>Black Thermoplastic Polyamide PA 6.6, UL94 V-0</td>
</tr>
<tr>
<td>Sealing Washer:</td>
<td>Thermoplastic (Cap 653 04 &amp; 655 04)</td>
</tr>
<tr>
<td>Metal Parts:</td>
<td>Copper alloy, corrosion protected</td>
</tr>
<tr>
<td>Terminals:</td>
<td>Solderable tinned</td>
</tr>
</tbody>
</table>

Electrical Data (23°C)

- Rated Voltage: 250V
- Max. Current/Power: 6.3A (VDE/SEMKO) 16A (UL/CSA)
- Rated Power: 2.5W (VDE/SEMKO)

Mounting

- (2) Solder pins 0.5mm × 1.1mm

Protection Class & Category

- IP 40 (with Cap 653 07 & 655 07 acc. to IEC 60529)
- IP 54 (with Cap 653 04 & 655 04 acc. to IEC 60529)
- PC2 (IEC 60127-6)

Operating Temperature

- -25°C to +70°C (consider de-rating)

Climatic Test

- -25°C/+70°C/21 days (IEC 60068-2-1...3)

Stock Conditions

- +10°C to +60°C relative humidity ≤ 75% yearly average, without dew, maximum value for 30 days - 95%

Vibration Resistance

- 24 cycles at 15 min. each (IEC 60068-2-6)
- 10 - 60Hz at 0.75mm amplitude
- 60 - 2000Hz at 10g acceleration

Contact Resistance

- ≤ 5mΩ

Dielectric Strength

- > 1.5 kV

Impulse Voltage

- 4 kV, 50 Hz, 1 min., dry

Insulation Resistance

- > 10^10 MΩ (500 VDC, 1 min.)

Solderability

- 235°C, 3 sec. (Wave)
- 350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance

- 260°C, 5 sec. (IEC 60608-2-20)

Minimum Cross Section

- Conduction path - 0.2mm²

Marking

- 652, 250V, Approvals

Unit Weight

- 3.8g (Holder) / 2.0g (653) / 2.4g (655)

Agency Approval

- Agency File Number
  - UL: 92599
  - UL/CSA: 608496
  - E 70164
  - VDE: 47574

Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Ordering Number</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap, 5x20 mm, Flush Mount</td>
<td>653 0000 000</td>
<td>Bulk 100</td>
</tr>
<tr>
<td>Cap, 2x25 mm, Finger Grip</td>
<td>655 0000 000</td>
<td>Bulk 100</td>
</tr>
<tr>
<td>652 Series Holder</td>
<td>652 0000 000</td>
<td>Bulk 100</td>
</tr>
</tbody>
</table>

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Specifications are subject to change without notice.
Revised: 12/19/13