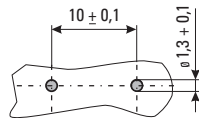


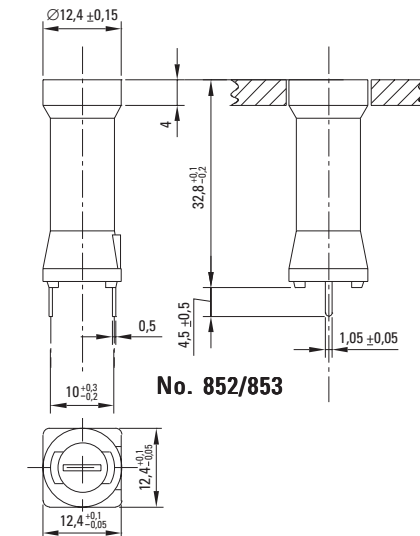
Holder / No. 852/853 PC Mount, Shocksafe 5x20mm Fuses



Vertical / 2-Pin



Holes in the printed circuit board: 1,3 +0,1

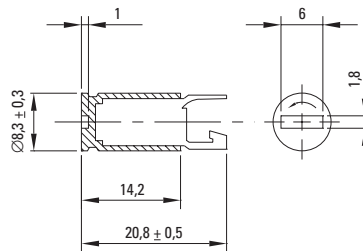


No. 852/853

Cap / No. 855



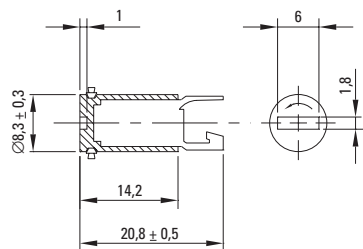
Without silicon ring (IP 40)



Cap / No. 856



With silicon ring (IP 54)



Specifications

Standard

- IEC 60127-6
- UL 512
- CSA C22.2. No.39

Approvals

- VDE: Report No. 136716 ÜG
- SEMKO: Certificate No. 201685
- UL Recognized: File No. E70164
- CSA Certified: File No. 208327



Mounting

(2) Solder pins 0.5mm x 1.1mm

Protection Class & Category

- IP 40 (with Cap 855 acc. to IEC 60529)
- IP 54 (with Cap 856 acc. to IEC 60529)
- PC2 (IEC 60127-6)

Materials

- Holder/Cap: Black Thermoplastic, UL 94V0
- Sealing Ring: Silicon (Cap 856)
- Metal Parts: Copper alloy, corrosion protected
- Terminals: Solderable, tinned

Electrical Data (23°C)

- Rated Voltage: 250V
- Rated Current: 6.3A (VDE/SEMKO)
- 10A (CSA)
- 12A (UL)
- Rated Power: 2.0W (VDE/SEMKO)

Operating Temperature

-40°C to +85°C (consider de-rating)

Climatic Test

-40°C/+85°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 - 500Hz at 10g acceleration

Contact Resistance

≤ 5mΩ

Impulse Voltage

4 kV, 50 Hz, 1 min., dry

Insulation Resistance

> 10³ MΩ (500 VDC, 1 min.)

Solderability

- 235°C, 2 sec. (Wave)
- 350°C, 1 sec. (Soldering Iron)

Soldering Heat Resistance

350°C, 5 sec. (IEC 60068-2-20)

Minimum Cross Section

Conducting path - 0.2mm²

Marking

Part No., 250V, Approvals

Unit Weight

- 3.2g (852) / 1.8g (855)
- 3.2g (853) / 1.9g (856)

Order Information

Packaging

Bulk (100 pcs.)

Order Numbers

Holder, IP 40	No. 852 0000 100
Cap, without Ring, IP 40	No. 855 0000 100
Holder, IP 54	No. 853 0000 100
Cap, with Ring, IP 54	No. 856 0000 100

WebLinks

Data Sheet - latest version

www.wickmannusa.com/products/852.pdf

Approval Certificates

www.wickmannusa.com/approvals

For Application Information refer to

www.wickmannusa.com/download/fuseology.pdf

Specifications are subject to change without notice.