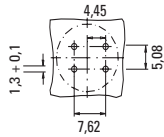


Holder / No. 831



Vertical / 4 - Pin



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

Cap / No. 835



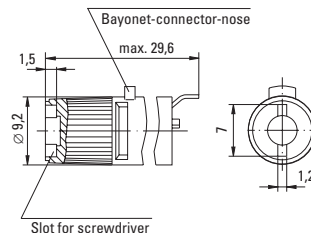
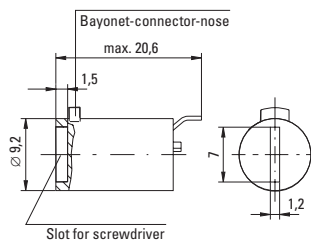
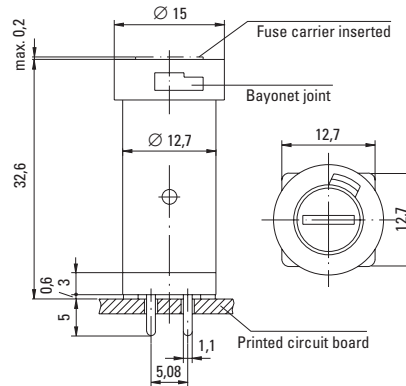
Flush Mount Type

Cap / No. 837



Finger Grip Type

PC Mount, Shocksafe 5x20mm Fuses



Specifications

Standard

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

Approvals (only 831/835)

VDE: License No. 123441
SEMKO: Certificate No. 9939091
UL Recognized: File No. E 70164
CSA Certified: File No. 47574



Mounting

(4) Solder pins 0.5mm x 1.1mm
The pins spaced at 5.08mm form a common connection.

Protection Class & Category

IP 40 (IEC 60529)
PC2 (IEC 60127-6)

Materials

Holder/Cap: Black Thermoplastic
Polyamide PA 6.6, UL94 V-0
Metal Parts: Copper alloy,
corrosion protected
Terminals: Solderable, tinned

Electrical Data (23°C)

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

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

> 10³ 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 60068-2-20)

Minimum Cross Section

Conducting path - 0.2mm²

Marking

831, 250V, Approvals

Unit Weight

4.1g (Holder) / 1.6g (835) / 2.2g (837)

Order Information

Packaging

Bulk (100 pcs.)

Order Numbers

Holder No. 831 0000 000
Cap, Flush Mount No. 835 0000 000
Cap, Finger Grip No. 837 0000 000



Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

Mouser Electronics

Authorized Distributor

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