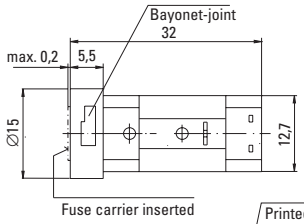
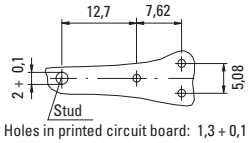
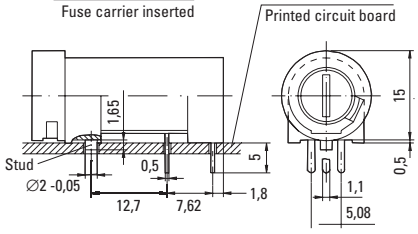
Holder / No. 830

PC Mount, Shocksafe 5x20mm Fuses



Horizontal / 3-Pin





Specifications

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

Approvals (only 830/835)
VDE: License No. 120623
SEMKO: Certificate No. 9850022
UL Recognized: File No. E 70164
CSA Certified: File No. 47574

Mounting
(3) Solder pins 0.5mm x 1.1mm and plastic stud. 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:	1.6W (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
> 10^3 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 - 0.2mm^2

Marking
830, 250V, Approvals

Unit Weight
4.4g (Holder) / 1.6g (835) / 2.2g (837)