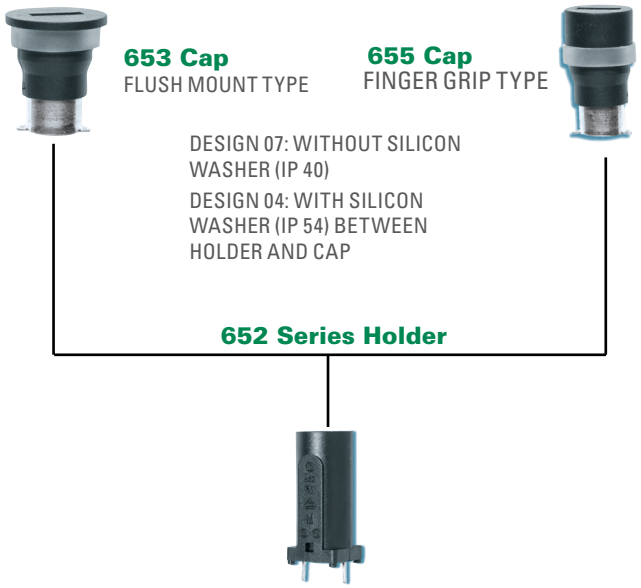
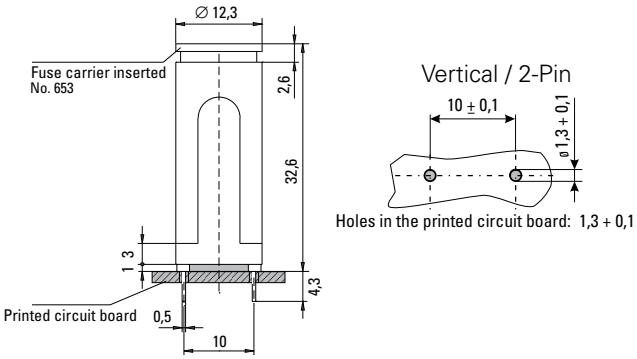
652 Series Circuit Board Mount Enclosed Fuse Holders for 5×20mm Fuses

Not for new designs - refer to No. 852 and 853



Dimensions



Additional Information

Datasheet | Resources | Samples

Product Characteristics

Compatible Fuse Types	**5×20mm**
Materials	**Holder/Cap:** Black Thermoplastic Polyamide PA 6.6, UL94 V-0
	Sealing Washer: Thermoplastic (Cap 653 04 & 655 04)
	Metal Parts: Copper alloy, corrosion protected
	Terminals: Solderable tinned
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	> 10^3 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 - 0.2mm²
Marking	652, 250V, Approvals
Unit Weight	3.8g (Holder) / 2.0g (653) / 2.4g (655)

Agency Approval

Agency	Agency File Number
VDE	92599
SEMKO	608495
UL	E 70164
CSA	47574

Ordering Information

Description	Ordering Number	Packaging
Cap, 5×20 mm, Flush Mount	653 0000 000	Bulk 100
Cap, 2x25 mm, Finger Grip	655 0000 000	Bulk 100
652 Series Holder	652 0000 000	Bulk 100

© 2013 Littelfuse, Inc.
Specifications are subject to change without notice.
Revised: 12/19/13