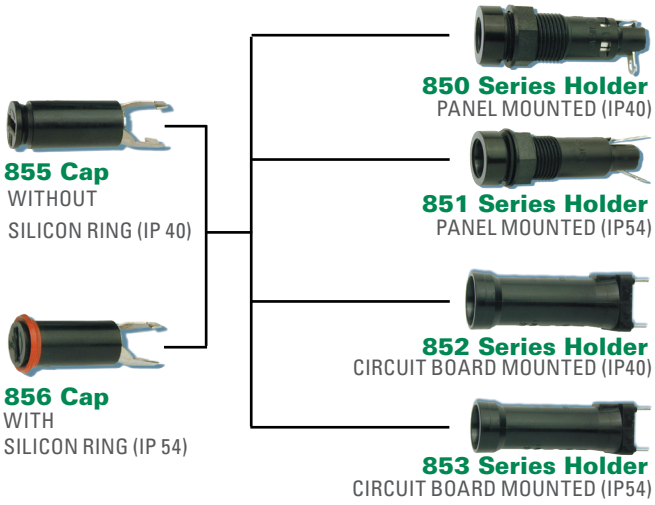
850/851/852/853 Series Enclosed Holders for 5×20mm Fuses



Agency Approval		
Agency	Agency File Number	
VDE	136713 UG	136716 UG
UL	E70164	E70164

Additional Information

Datasheet 850 Series	Resources 850 Series	Samples 850 Series
Datasheet 851 Series	Resources 851 Series	Samples 851 Series
Datasheet 852 Series	Resources 852 Series	Samples 852 Series
Datasheet 853 Series	Resources 853 Series	Samples 853 Series

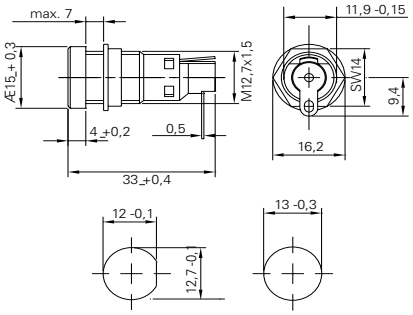
Product Characteristics 850

	850/851 Series	852/853 Series
Compatible Fuse	**5×20mm**	
Materials	**Holder:** Black Duroplastic **Cap:** Black Thermoplastic Both UL94VO	**Holder/Cap:** Black Thermoplastic, UL 94V0
	Sealing Ring: Silicon (Cap 856)	
	Metal Parts: Copper alloy, corrosion protected	
	Terminals: Solderable tinned	
Electrical Data (23ºC)	**Rated Voltage:** 250V	
	Rated Current: 10 A	**Rated Current:** 6.3A (VDE) 12A (UL)
	Rated Power: 3.2 W (VDE)	**Rated Power:** 2W (VDE)
Mounting	12.7mm diameter D-hole or 13mm round hole Admissible torque on plastic hex nut is 1.2Nm	(2) Solder pins 0.5mm×1.1mm
Terminals	Solderable only, 4mm×0.5mm (850) Solderable or 2.8mm quick connect - fits 0.5mm tab (851)	
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)	
Operating Temp.	-40ºC to +85ºC (consider de-rating)	
Climatic Test	-40ºC/+85ºC/21 days (IEC 60068-2-1...3)	
Stock Conditions	+10ºC to +60ºC 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, 50Hz, 1 min., dry	
Insulation Resistance	> 10^3 MΩ (500VDC, 1 min.)	
Solderability	235ºC, 2 sec. (Wave) 350ºC, 1 sec. (Soldering Iron)	
Soldering Heat Resistance	350ºC, 5 sec. (IEC 60068-2-20)	
Minimum Cross Section	Conductor - 1.5mm²	Conducting path - 0.2mm²
Marking	Part No., 250V, Approvals	
Unit Weight	4.1g (850) / 1.8g (855) 4.2g (851) / 1.9g (856)	3.2g (852) / 1.8g (855) 3.2g (853) / 1.9g (856)

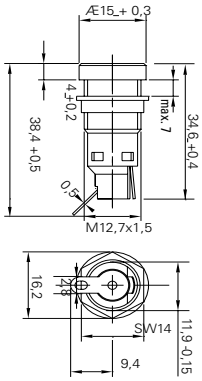
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Dimensions 850

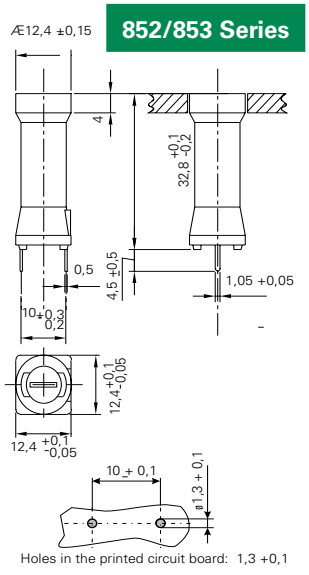
850 Series



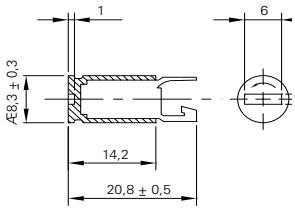
851 Series



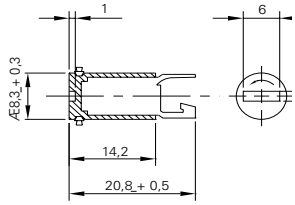
852/853 Series



855 Cap



856 Cap



Ordering Information

Description	Ordering Number	Packaging
Cap, w/out ring (IP40)	855 0000 1009	Bulk 100
Cap, w/silicon ring (IP54)	856 0000 1009	Bulk 100
850 Series Holder (IP40)	850 0000 1009	Bulk 100
851 Series Holder (IP54)	851 0000 1009	Bulk 100
852 Series Holder (IP40)	852 0000 1009	Bulk 100
853 Series Holder (IP54)	853 0000 1009	Bulk 100

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