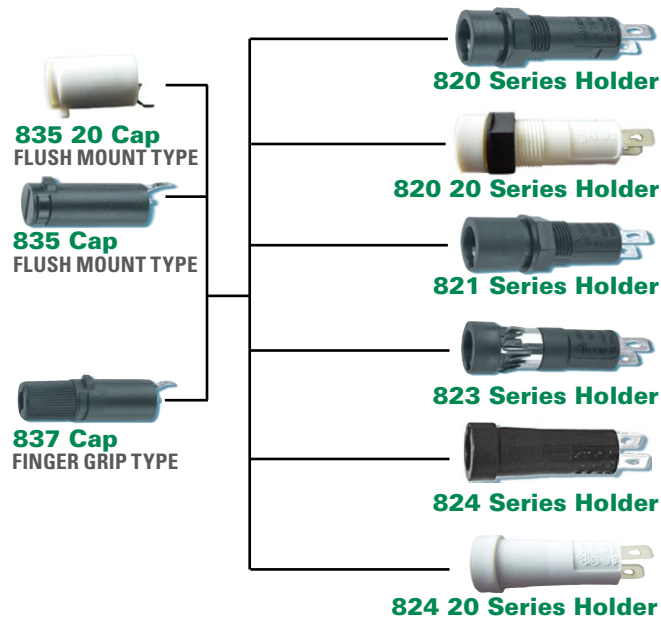
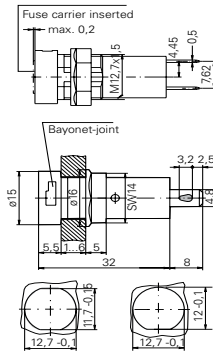


820/821/823/824 Series Panel Mount Enclosed Fuse Holders

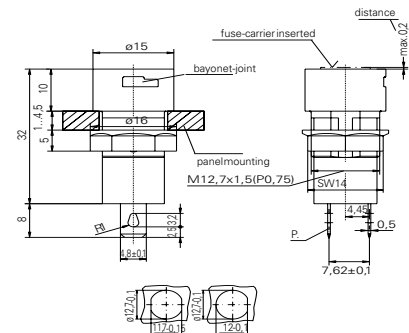


Dimensions 820

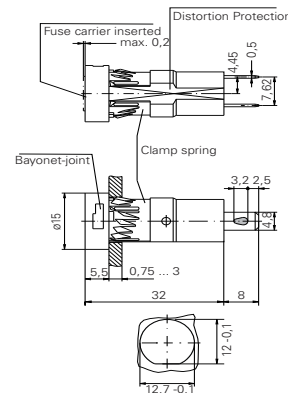
820 Series



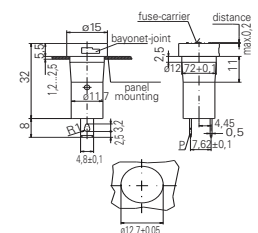
821 Series



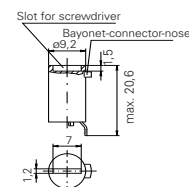
823 Series



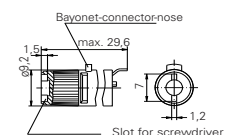
824 Series



835 Cap



837 Cap



Additional Information



Datasheet
820 Series



Resources
820 Series



Samples
820 Series



Datasheet
821 Series



Resources
821 Series



Samples
821 Series



Datasheet
823 Series



Resources
823 Series



Samples
823 Series



Datasheet
824 Series



Resources
824 Series



Samples
824 Series

Product Characteristics

	820 Series	820 20 Series	821 Series	823 Series	824 Series	824 20 Series
Compatible Fuses	5x20mm	5x20mm	5x20mm	5x20mm	5x20mm	5x20mm
Materials	Holder/Cap: Black Thermoplastic UL 94 V-0	Holder/Cap: White Thermoplastic PBT, UL94 V-0 Nut: Thermoplastics, black, UL94 V-0	Holder/Cap: Thermoplastic black, UL94 V-0	Holder/Cap: Black Thermoplastic UL94 V-0	Holder/Cap: Thermoplastic UL 94V-0, black	Holder/Cap: Thermoplastic UL94 V-0, white
	Metal Parts: Copper alloy, corrosion protected					
				Clamp Spring: Spring steel, non-treated		
	Terminals: Solderable, tinned					
Electrical Data (23°C)	Rated Voltage: 250V					
	Rated Current: 6.3A (VDE) 16A (UL/CSA)					
	Rated Power: 2.5 W (VDE)	Rated Power: 2.5 W (VDE)	Rated Power: 2.5 W (VDE)	Rated Power: 4 W (VDE)		Rated Power: 4 W
Mounting	12.7mm diameter D-hole or double D-hole Admissible torque on plastic hex nut is 1.2Nm		12.7mm diameter D-hole or double D-hole (panel 1mm - 4.5mm) Admissible torque on plastic hex nut is 1.2Nm	Pluggable with clamping spring into 12.7mm diameter D-hole (panel thickness 0.75mm-3mm)	Pluggable (panel thickness 1.2 mm-2.5 mm)	
Terminals	Solderable or 4.8mm quick connect-fits 0.5mm tab					
Protection Category	IP 40 (IEC 60529) PC2 (IEC 60127-6)					
Operating Temperature	-25°C to +70°C					
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	4kV, 50Hz, 1min, dry	4kV with 1,2μs/50μs		4kV, 50Hz, 1 min., dry		
Insulation Resistance	> 10³ MΩ (500 VDC, 1 min.)					
Solderability	235°C, 3 sec (Wave) 350°C, 1 sec. (Solder Iron)	235°C, 2 sec. (Solder Bath) (IEC 60068-2-20) 350°C, 3 sec. (Solder Iron) (IEC 60068-2-20)		235°C, 3 sec. (Wave) 350°C, 1 sec. (Soldering Iron)		
Soldering Heat Resist	260°C, 5 sec. (IEC 60068-2-20)					
Min. Cross Section	Conductor - 2.5mm²					
Marking	820, 250 V, Approvals		821, 250V, Approvals	823, 250V, Approvals	824, 250V, Approvals	
Unit Weight	4.0g (Holder) / 1.6g (835) / 2.2g (837)	4.0 g (820) / 1.6 g (835)	4.0g (821) / 1.6g (835) / 2.2g (837)	3.8g (Holder) / 1.6g (835) / 2.2g (837)	3.3g (824) / 1.6g (835) / 2.2g (837)	3.3g (824) / 1.6g (835) / 2.2g (837)
Agency Approval						
Agency	Agency File Number					
	132225	125183	135536	122096	122098	-
	E 70164	E70164	E70164	E 70164	E70164	-
	47574	47574	47574	47574	47574	-
Ordering Information						
Ordering Number: Holders	82000000005	82000000205	82100000005	82300000005	82400000005	82400000205
Ordering Number: Caps	Flush Mount Type: 83500000005 / 83500000205 Finger Grip Type 83700000005					
Packaging	Bulk 100 Pcs all items listed above					

Disclaimer Notice - Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability of and test each product selected for their own applications. Littelfuse products are not designed for, and may not be used in, all applications. Read complete Disclaimer Notice at: www.littelfuse.com/disclaimer-electronics.