



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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	
Electrical Data (23°C)	Terminals: Solderable, tinned					
	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	> 10 ³ 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 - 2.5mm ²					
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	E70164
	47574	47574	47574	47574	47574	47574
Ordering Information						
Ordering Number: Holders	820 0000 0005	820 0000 0205	821 0000 0005	823 0000 0005	824 0000 0005	824 0000 0205
Ordering Number: Caps	Flush Mount Type: 835 0000 0005 / 835 0000 0205 Finger Grip Type 837 0000 0005					
Packaging	Bulk 100 Pcs all items listed above					