



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!



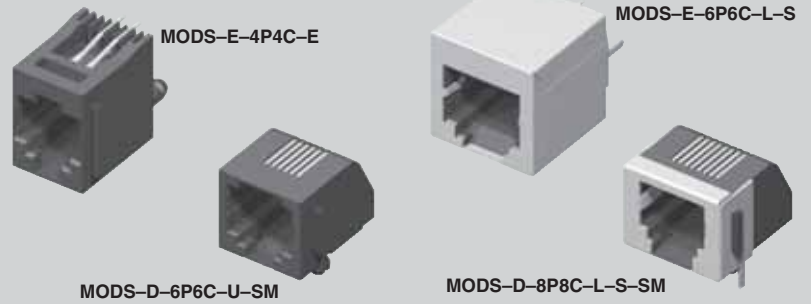
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





**MODS-D, MODS-E SERIES**

# SINGLE VERTICAL & SMT MODULAR JACKS

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?MODS-D](http://www.samtec.com?MODS-D)

**Insulator Material:** Nylon 46/ PBT Glass Filled (Nylon for -SM, PBT for -TH)  
**Contact Material:** Phosphor Bronze  
**Shield Material:** Copper Alloy  
**Plating:** Gold on Contacts, Nickel on Shield, Tin on Tails  
**Operating Temp Range:** -25°C to +90°C  
**Current Rating:** 1.5 A per contact  
**Voltage Rating:** 120 VAC  
**Contact Resistance:** 20 mΩ max  
**Minimum Cycles:** 500  
**System Applications:** CAT3  
**Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** -SM=Yes -TH=Yes (Wave Solder only)



MODS	D	POSITIONS CONTACTS	PLATING	SHIELD OPTION	TAIL
-6P4C = 6 Positions 4 Contacts		-L = 15µ" (0,38 µm) Gold on Mating Area, Gold Flash on Tails		(Leave Blank for Unshielded)	-SM = Surface Mount
-6P6C = 6 Positions 6 Contacts		-U = 50µ" (1,27µm) Gold on Mating Area, Gold Flash on Tails		-S = Shielded	-TH = Through-hole
-8P8C = 8 Positions 8 Contacts				-N = No Panel Stops (Unshielded Only)	

POSITIONS CONTACTS	A	B	B (-S)
-6PXC	(15,90) .626	(13,30) .524	(14,10) .555
-8P8C	(17,80) .701	(15,20) .598	(16,00) .630

**SPECIFICATIONS**

For complete specifications and recommended PCB layouts see [www.samtec.com?MODS-E](http://www.samtec.com?MODS-E)

**Insulator Material:** PBT Glass Filled  
**Contact Material:** Phosphor Bronze  
**Shield Material:** Copper Alloy  
**Plating:** Gold on Contacts, Nickel on Shield  
**Operating Temp Range:** -25°C to +90°C  
**Current Rating:** 1.5 A per contact  
**Voltage Rating:** 120 VAC  
**Contact Resistance:** 20 mΩ max  
**Minimum Cycles:** 500  
**System Applications:** CAT3  
**Packaging:** Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** Yes (Wave Solder only)



MODS	E	POSITIONS CONTACTS	PLATING	SHIELD OPTION
-4P4C = 4 Positions 4 Contacts		Unshielded Only		(Leave Blank for Unshielded)
-6P4C = 6 Positions 4 Contacts		-G = 15µ" (0,38 µm) Gold on Mating Area, Gold Flash on Tails		-S = Shielded (-4P4C and Panel Stops N/A)
-6P6C = 6 Positions 6 Contacts		-E = 50µ" (1,27µm) Gold on Mating Area, Gold Flash on Tails		
-8P8C = 8 Positions 8 Contacts		Shielded Only		
		-L = 15µ" (0,38 µm) Gold on Mating Area, Gold Flash on Tails		
		-U = 50µ" (1,27µm) Gold on Mating Area, Gold Flash on Tails		

POSITIONS CONTACTS	A	B
-4P4C	(13,80) .543	(11,43) .450
-6PXC	(15,90) .626	(13,46) .530
-8P8C	(17,90) .705	(15,50) .610

**APPLICATION SPECIFIC OPTION**

- No panel stop option available
- Other plating options available
- Call Samtec.

*Due to technical progress, all designs, specifications and components are subject to change without notice.*

**WWW.SAMTEC.COM**