



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

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MODS-A-6P4C-G



MODS-A-6P6C-G-S



MODS-C-8P8C-G

MODS-C-6P4C-E-S



MODS-A, MODS-C SERIES

# SINGLE RIGHT ANGLE MODULAR JACKS

## SPECIFICATIONS

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

**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 Application:**

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)

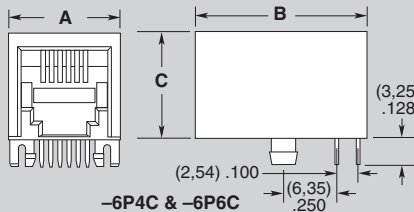


## MODS - A -

## POSITIONS CONTACTS

- 6P4C = 6 Positions 4 Contacts
- 6P6C = 6 Positions 6 Contacts
- 8P8C = 8 Positions 8 Contacts

POSITIONS CONTACTS	A	B	C
-6PXC	(13,21) .520	(20,54) .809	(12,70) .500
-8P8C	(15,24) .600		
-6PXC (-S)	(13,94) .549	(21,20) .835	(13,60) .535
-8P8C (-S)	(15,98) .629		



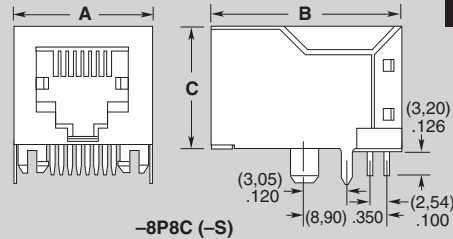
-6P4C & -6P6C

## PLATING

- G = 15µ" (0,38 µm)  
Gold on Mating Area,  
Gold Flash on Tails
- E = 50µ" (1,27µm)  
Gold on Mating Area,  
Gold Flash on Tails

## SHIELD OPTION

- (Leave Blank for Unshielded)
- S = Shielded (No Panel Grounds)
- S4 = Shielded with Top, Bottom and Side Panel Grounds



-8P8C (-S)

## APPLICATION SPECIFIC OPTION

Other plating options available. Call Samtec.

## MODS - C -

## POSITIONS CONTACTS

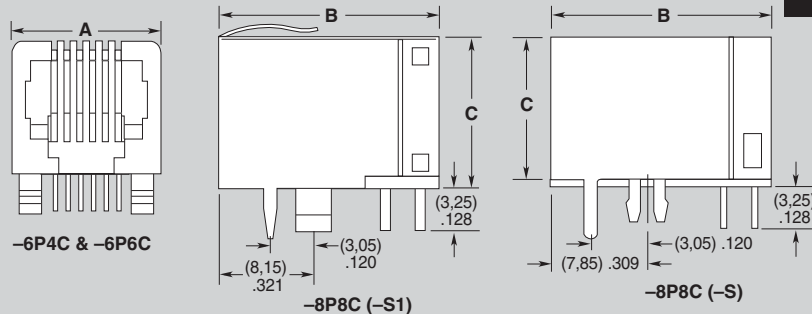
- 6P4C = 6 Positions 4 Contacts
- 6P6C = 6 Positions 6 Contacts
- 8P8C = 8 Positions 8 Contacts

## PLATING

- G = 15µ" (0,38 µm)  
Gold on Mating Area,  
Gold Flash on Tails
- E = 50µ" (1,27µm)  
Gold on Mating Area,  
Gold Flash on Tails

## SHIELD OPTION

- (Leave Blank for Unshielded)
- S = Shielded (No Panel Grounds)
- S1 = Shielded with Top and Bottom Panel Grounds



-8P8C (-S1)

-8P8C (-S)

POSITIONS CONTACTS	A	B	C
-6PXC	(13,21) .520	(18,00) .709	(11,70) .461
-8P8C	(15,20) .598		
-6PXC (-S)	(14,00) .551	(18,80) .740	(12,20) .480
-8P8C (-S)	(15,90) .626		

-6P4C & -6P6C

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)