



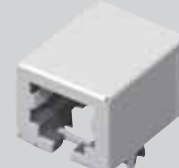
MODS-A-6P4C-G



MODS-A-6P6C-G-S



MODS-C-6P4C-E-S



MODS-C-8P8C-G



MODS-A, MODS-C SERIES

SINGLE RIGHT ANGLE MODULAR JACKS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MODS-A or 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

PLATING

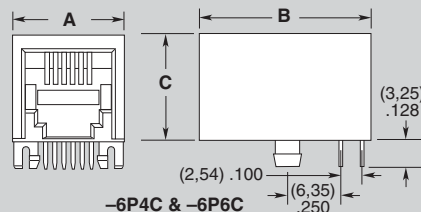
SHIELD
OPTION

–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

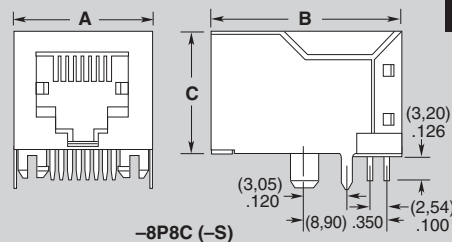
–G
= 15μ" (0,38 μm)
Gold on Mating Area,
Gold Flash on Tails

–E
= 50μ" (1,27 μm)
Gold on Mating Area,
Gold Flash on Tails

(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

PLATING

SHIELD
OPTION

–6P4C = 6 Positions 4 Contacts

–6P6C = 6 Positions 6 Contacts

–8P8C = 8 Positions 8 Contacts

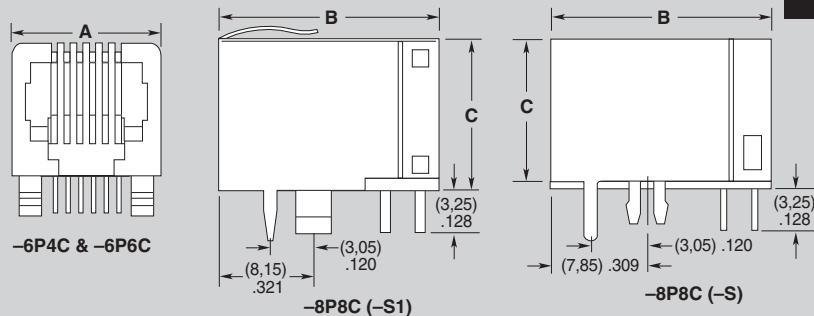
–G
= 15μ" (0,38 μm)
Gold on Mating Area,
Gold Flash on Tails

–E
= 50μ" (1,27 μm)
Gold on Mating Area,
Gold Flash on Tails

(Leave Blank for
Unshielded)

–S
= Shielded
(No Panel
Grounds)

–S1
= Shielded with
Top and Bottom
Panel
Grounds



–6P4C & –6P6C

–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		

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 8890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109
 6904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112