



THE DATASHEET OF MODS-A-8P8C-G-S4

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

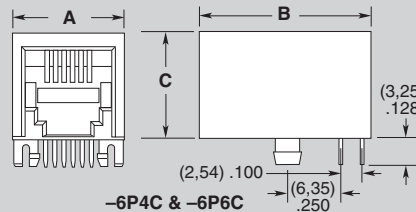
SHIELD OPTION

–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

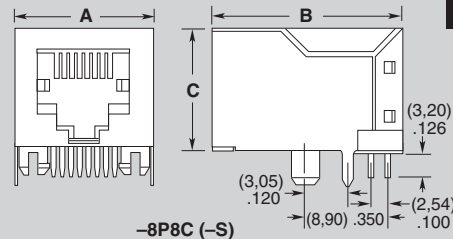
(Leave Blank for
Unshielded)

–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

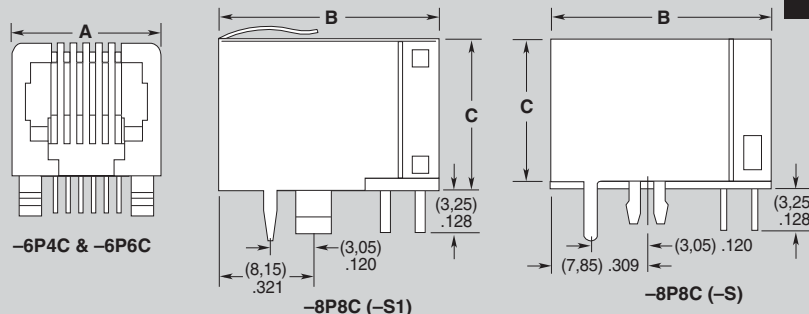
(Leave Blank for
Unshielded)

–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.

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