



MODS-D, MODS-E SERIES

SINGLE VERTICAL & SMT MODULAR JACKS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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
-6P6C = 6 Positions 6 Contacts
-8P8C = 8 Positions 8 Contacts

-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

(Leave Blank for Unshielded)
-S = Shielded
-N = No Panel Stops (Unshielded Only)

-SM = Surface Mount
-TH = Through-hole

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

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

Unshielded Only
-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

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

(Leave Blank for Unshielded)
-S = Shielded (-4P4C and Panel Stops N/A)

APPLICATION SPECIFIC OPTION
 • No panel stop option available
 • Other plating options available
 Call Samtec.

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

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

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