



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												
<p>-6P4C = 6 Positions 4 Contacts -6P6C = 6 Positions 6 Contacts -8P8C = 8 Positions 8 Contacts</p>			<p>-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</p>	<p>(Leave Blank for Unshielded) -S = Shielded -N = No Panel Stops (Unshielded Only)</p>	<p>-SM = Surface Mount -TH = Through-hole</p>												
				<table border="1"> <thead> <tr> <th>POSITIONS CONTACTS</th> <th>A</th> <th>B</th> <th>B (-S)</th> </tr> </thead> <tbody> <tr> <td>-6PXC</td> <td>(15,90) .626</td> <td>(13,30) .524</td> <td>(14,10) .555</td> </tr> <tr> <td>-8P8C</td> <td>(17,80) .701</td> <td>(15,20) .598</td> <td>(16,00) .630</td> </tr> </tbody> </table>		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
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-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	APPLICATION SPECIFIC OPTION											
<p>-4P4C = 4 Positions 4 Contacts -6P4C = 6 Positions 4 Contacts -6P6C = 6 Positions 6 Contacts -8P8C = 8 Positions 8 Contacts</p>			<p>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</p>	<p>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</p>	<p>(Leave Blank for Unshielded) -S = Shielded (-4P4C and Panel Stops N/A)</p>											
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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