



TAB-DOWN MOD JACKS MODS-A, MODS-C, MODS-D SERIES

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: No



MODS	TYPE	POSITIONS CONTACTS	PLATING	SHIELD OPTION
	-A = Standard	-6P4C = 6 Positions 4 Contacts	-G = 15µ" (0,38 µm) Gold on Mating Area, Gold Flash on Tails	(Leave Blank for Unshielded)
	-C = Low Profile	-6P6C = 6 Positions 6 Contacts	-H = 30µ" (0,76µm) Gold on Mating Area, Gold Flash on Tails	-S = Shielded (No Panel Grounds)
		-8P8C = 8 Positions 8 Contacts	-E = 50µ" (1,27µm) Gold on Mating Area, Gold Flash on Tails	-S4 = Shielded with Top, Bottom and Side Panel Grounds (MODS-A only)
				-S1 = Shielded with Top and Bottom Panel Grounds (MODS-C only)

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		

POSITIONS CONTACTS	A	B	C
-6PXC	(13,21) .520	(18,00) .709	(11,70) .461
-8P8C	(15,39) .596		
-6PXC (-S)	(14,00) .551	(18,80) .740	(12,20) .480
-8P8C (-S)	(15,90) .626		

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=No



MODS	D	POSITIONS CONTACTS	PLATING	SHIELD OPTION	TAIL
		-6P4C = 6 Positions 4 Contacts	-L = 15µ" (0,38 µm) Gold on Mating Area, Tin on Tails	(Leave Blank for Unshielded)	-SM = Surface Mount
		-6P6C = 6 Positions 6 Contacts	-S = 30µ" (0,76µm) Gold on Mating Area, Tin on Tails	-S = Shielded	-TH = Through-Hole
		-8P8C = 8 Positions 8 Contacts	-U = 50µ" (1,27µm) Gold on Mating Area, Tin on Tails	-N = No Panel Stops (Unshielded Only)	

POSITIONS CONTACTS	A	B	C
-6PXC	(13,30) .524	(12,70) .500	(18,10) .713
-8P8C	(15,20) .598		
-6PXC (-S)	(14,10) .555	(13,60) .535	(18,40) .724
-8P8C (-S)	(16,00) .630		

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

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