

MODS-E-6P6C-L-S MODS-E-4P4C-E MODS-D-8P8C-L-S-SM MODS-D-6P6C-U-SM

**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 m $\Omega$  max

Minimum Cycles: 500

System Applications: CAT3

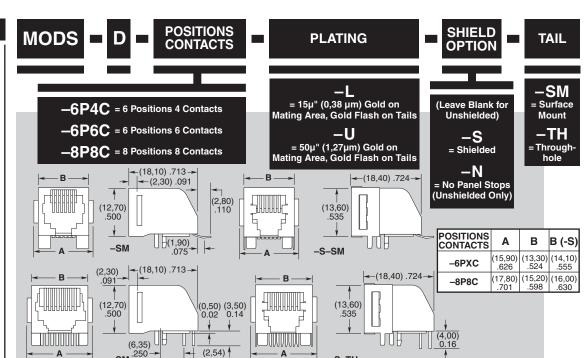
Packaging:

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)



## **SPECIFICATIONS**

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

Insulator Material:

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 VĂC

Contact Resistance: 20 mΩ max
Minimum Cycles:

System Applications:

CAT3

Packaging: Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request. RoHS Compliant:

Lead-Free Solderable: Yes (Wave Solder only)

#### **POSITIONS** SHIELD **MODS PLATING CONTACTS OPTION** (Leave Blank **Unshielded Only Shielded Only** for Unshielded) -4P4C = 4 Positions 4 Contacts –G = 15µ" (0,38 µm) = 15µ" (0,38 µm) -6P4C = 6 Positions 4 Contacts = Shielded Gold on Mating Area Gold Flash on Tails Gold on Mating Area, Gold Flash on Tails (-4P4C and Panel -6P6C = 6 Positions 6 Contacts Stops N/A) -U -E -8P8C = 8 Positions 8 Contacts = 50µ" (1,27µm) Gold on Mating Area, = 50µ" (1,27µm) Gold on Mating Area, **POSITIONS APPLICATION** Gold Flash on Tails Gold Flash on Tails CONTACTS SPECIFIC (13,80) .543 (11,43) .450 -4P4C OPTION -6PXC (15,90) .626 (13,46) .530 No panel stop -8P8C (17,90) .705 (15,50) .610 option available (16,15) .636 $(3,25).128 \rightarrow$ Other plating (2,54) .100 П options available Call Samtec. (16,50) .650 (2.90) .114 --4P4C -S (-4P4C N/A) Due to technical progress, all designs, specifications and components are subject to change without notice,

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