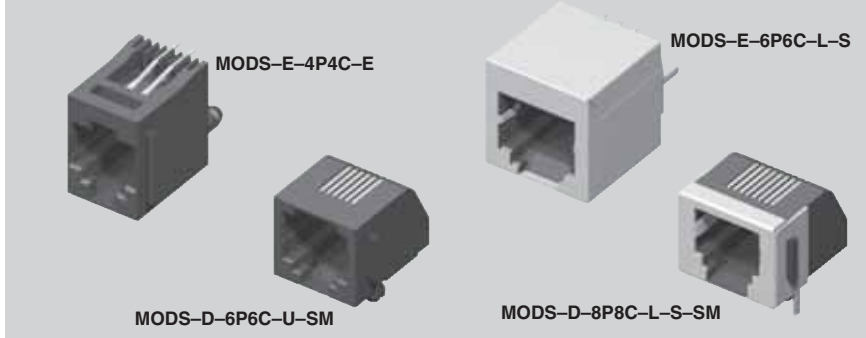




**THE DATASHEET OF
MODS-E-6P6C-L-S**





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)

| 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 |

APPLICATION SPECIFIC OPTION

- No panel stop option available
- Other plating options available



Call Samtec.

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

WWW.SAMTEC.COM

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