

# TOP-ENTRY MOD JACKS MODS-E, MODS-H SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MODS-E](http://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:** No



**MODS - E**

**POSITIONS CONTACTS**

**PLATING**

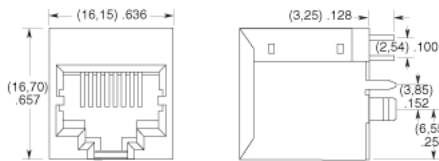
**SHIELD OPTION**

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

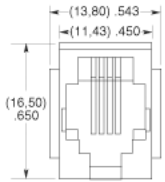
- Unshielded Only**
- G = 15μ" (0,38 μm) Gold on Mating Area, Gold Flash on Tails
  - H = 30μ" (0,76 μm) Gold on Mating Area, Gold Flash on Tails
  - E = 50μ" (1,27 μm) Gold on Mating Area, Gold Flash on Tails

- Shielded Only**
- L = 15μ" (0,38 μm) Gold on Mating Area, Tin on Tails
  - S = 30μ" (0,76 μm) Gold on Mating Area, Tin on Tails
  - U = 50μ" (1,27 μm) Gold on Mating Area, Tin on Tails

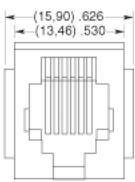
- (Leave Blank for Unshielded)
- S = Shielded (-4P4C and Panel Stops N/A)



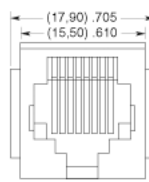
-S (-4P4C N/A)



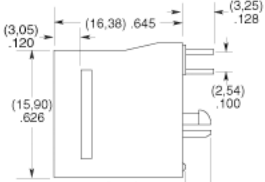
-4P4C



-6P4C & -6P6C



-8P8C



## APPLICATION SPECIFIC OPTION

No panel stop option available. Call Samtec.

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MODS-H](http://www.samtec.com?MODS-H)

**Insulator Material:** Nylon 46  
**Contact Material:** Phosphor Bronze  
**Plating:** Gold Flash on Contacts, 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:** Yes

**MODS - H**

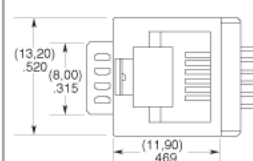
**POSITIONS CONTACTS**

**PLATING**

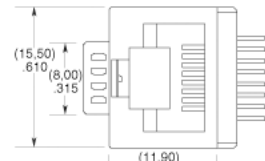
**SM - A**

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

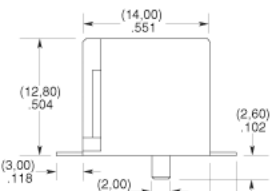
- L = 15μ" (0,38 μm) Gold on Mating Area, Tin on Tails
- S = 30μ" (0,76 μm) Gold on Mating Area, Tin on Tails
- U = 50μ" (1,27 μm) Gold on Mating Area, Tin on Tails



-6P4C & -6P6C



-8P8C



## APPLICATION SPECIFIC OPTION

No alignment pin option available. 4 positions 4 contacts available. Call Samtec.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)