

# TAB-UP MODULAR JACKS MODS-B, MODS-G SERIES

## SPECIFICATIONS

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

**Insulator Material:** PBT Glass Filled  
**Contact Material:** Phosphor Bronze  
**Plating:** Gold on Contacts  
**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



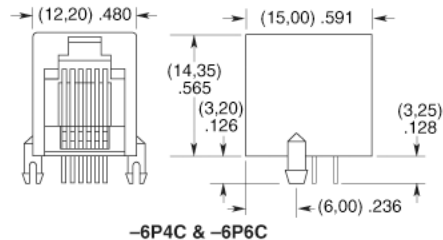
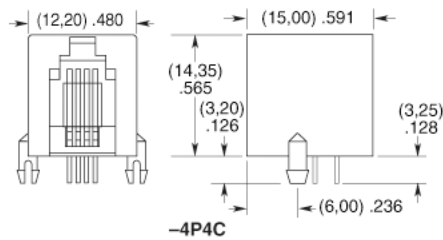
## MODS - B

## POSITIONS CONTACTS

## PLATING

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

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



## SPECIFICATIONS

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

**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 - G

## POSITIONS CONTACTS

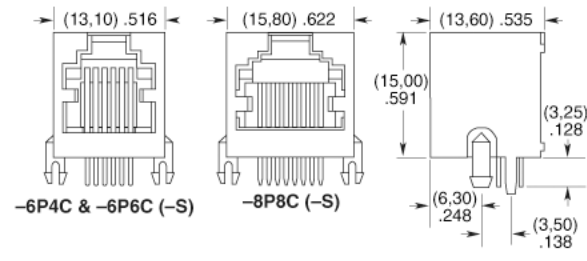
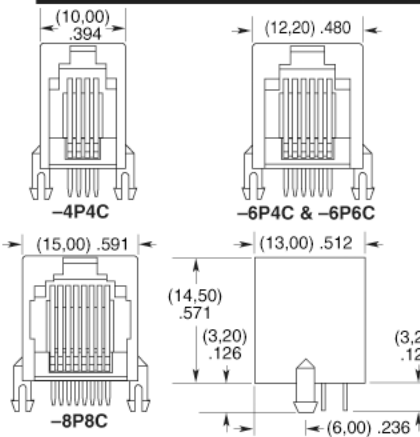
## PLATING

## SHIELD OPTION

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

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

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



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

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