

**MODS-F SERIES**

# SINGLE RIGHT ANGLE MOD JACK WITH LED

**SPECIFICATIONS**

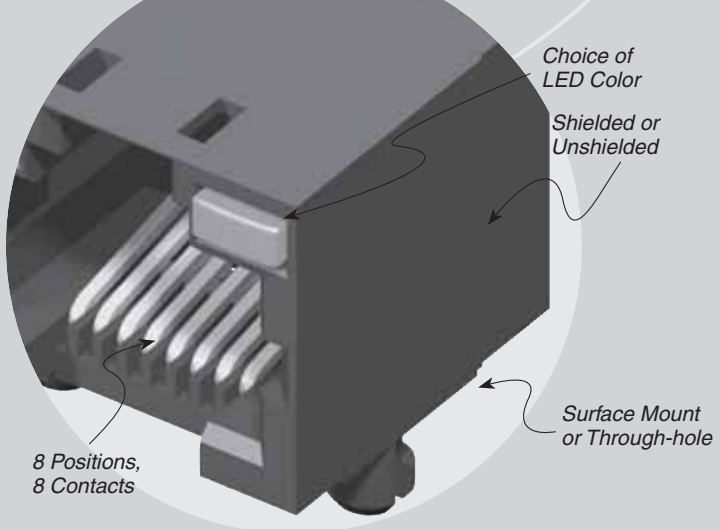
For complete specifications and recommended PCB layouts see [www.samtec.com?MODS-F](http://www.samtec.com?MODS-F)

- Insulator Material:** Nylon 46 (For both -SM and -TH)
- Contact Material:** Phosphor Bronze
- Shield Material:** Copper Alloy
- Plating:** Gold on Contacts, Nickel on Shield, Gold on Tails
- Operating Temp Range:** -25°C to +90°C
- Current Rating:** 1.5 A per contact
- Voltage Rating:** 120 VAC max
- 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)



**APPLICATION SPECIFIC OPTION**

Other plating options available. Call Samtec.



**MODS - F - 8P8C - PLATING - SHIELD OPTION - LED 1 - LED 2 - TAIL - TR**

|  |   |   |  |  |  |
|--|---|---|--|--|--|
| <p><b>-8P8C</b><br/>= 8 Positions 8 Contacts</p> | <p><b>-L</b><br/>= 15µ" (0,38 µm)<br/>Gold on Mating Area, Gold Flash on Tails</p> <p><b>-U</b><br/>= 50µ" (1,27 µm)<br/>Gold on Mating Area, Gold Flash on Tails</p> | <p><b>-S</b><br/>= Shielded (No Panel Grounds)</p> <p><b>-S4</b><br/>= Shielded with Top, Bottom and Side Panel Grounds</p> | <p><b>-G</b><br/>= Green</p> <p><b>-Y</b><br/>= Yellow</p> <p><b>-1*</b><br/>= Green/Orange</p> <p><b>-3*</b><br/>= Green/Red</p> <p><b>-4*</b><br/>= Yellow/Red</p> <p><b>-6*</b><br/>= Yellow/Green</p> <p><b>-N</b><br/>= No LED (LED 1 -N requires LED2 -N)</p> <p><i>*Voltage Forward/Reverse</i></p> | <p><b>-SM</b><br/>= Surface Mount</p> <p><b>-TH</b><br/>= Through-hole</p> | <p><b>-TR</b><br/>= Tape &amp; Reel (Surface Mount only)</p> |
| <p><b>-SM (-S4)</b></p>                          | <p><b>-TH (-S4)</b></p>   |   |  |  |  |

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