

# MOD JACK WITH LEDS MODS-F SERIES

## 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, Tin 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

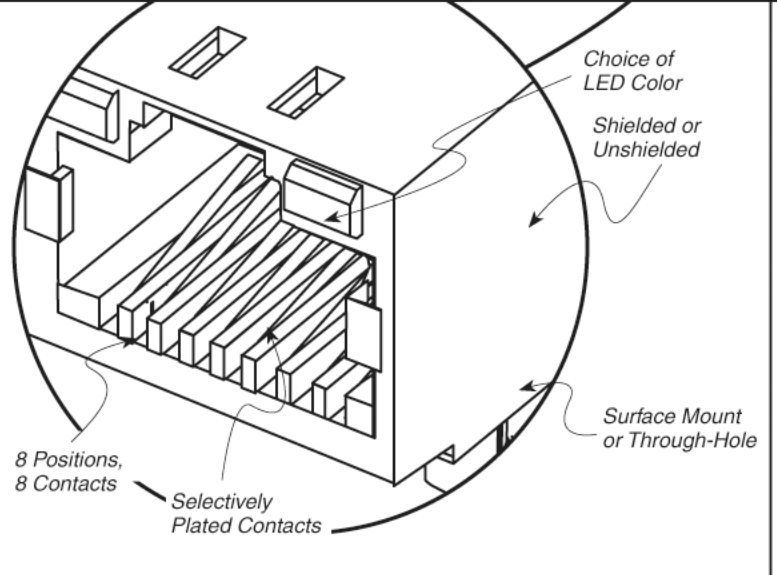
**Lead-Free Solderable:**

No



## APPLICATION SPECIFIC OPTION

Other plating options available. Call Samtec.



| MODS | F | 8P8C                                     | PLATING  | SHIELD OPTION  | LED 1   | LED 2 | TAIL                          | TR   |
|------|---|--|--|--|---|-------|-------------------------------|--|
|      |   | <b>-8P8C</b><br>= 8 Positions 8 Contacts | <b>-L</b><br>= 15µ" (0,38 µm)<br>Gold on Mating Area, Tin on Tails | (Leave Blank for Unshielded)<br><b>-S</b><br>= Shielded (No Panel Grounds) | <b>-G</b><br>= Green                              |       | <b>-SM</b><br>= Surface Mount | <b>-TR</b><br>= Tape & Reel (Surface Mount only) |
|      |   | <b>-SM (-S4)</b>                         | <b>-U</b><br>= 50µ" (1,27µm)<br>Gold on Mating Area, Tin on Tails  | <b>-S4</b><br>= Shielded with Top, Bottom and Side Panel Grounds           | <b>-Y</b><br>= Yellow                             |       | <b>-TH</b><br>= Through-Hole  |  |
|      |   | <b>-TH</b>                               |  |  | <b>-1*</b><br>= Green/Orange                      |       |                               |  |
|      |   |  |  |  | <b>-2*</b><br>= Yellow/Orange                     |       |                               |  |
|      |   |  |  |  | <b>-3*</b><br>= Green/Red                         |       |                               |  |
|      |   |  |  |  | <b>-4*</b><br>= Yellow/Red                        |       |                               |  |
|      |   |  |  |  | <b>-5*</b><br>= Green/Yellow                      |       |                               |  |
|      |   |  |  |  | <b>-6*</b><br>= Yellow/Green                      |       |                               |  |
|      |   |  |  |  | <b>-N</b><br>= No LED (LED 1 -N requires LED2 -N) |       |                               |  |
|      |   |  |  |  | *Voltage Forward/Reverse                          |       |                               |  |

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

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