



(2.00 mm) .0787"

TMM-112-01-L-D-RA

TMM-116-02-F-S

TMM-108-01-T-D

TMM-108-03-F-Q

TMM SERIES

# LOW PROFILE THROUGH-HOLE HEADER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TMM](http://www.samtec.com?TMM)

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Sn or Au over

50  $\mu$ m (1.27  $\mu$ m) Ni

### Current Rating (SMM/TMM):

3.2 A per row

(1 pin powered per row)

### Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

### Voltage Rating:

281 VAC mated with SQW;

250 VAC mated with SQT

### RoHS Compliant:

Yes

### Lead-Free Solderable:

Yes

## Board Mates:

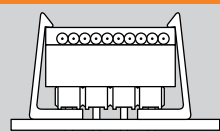
CLT, SQT, SQW, ESQT,  
TLE, SMM, MMS

## Cable Mates:

TCSD



## APPLICATION



Retention Clip Option (-RC)

Single, double  
and quad row

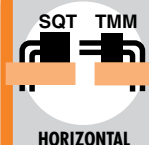
Choice  
of five  
lead styles

Ultra-low profile  
(1.50 mm) .059"

(2.00 mm)  
.0787"

(2.00 mm)  
.0787" pitch

## APPLICATIONS



## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

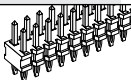


## ALSO AVAILABLE (MOQ Required)

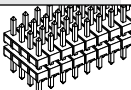
- Other platings
- Contact Samtec.

## Other Solutions

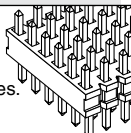
**Press-fit**  
See PTT Series.



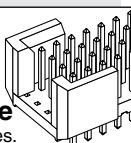
**Elevated**  
See TW Series.



**High-density**  
See TMMH Series.



**Shrouded Four Row Vertical & Right-Angle**  
See TMMS Series.



Paste In Hole (PIH) processing.  
Contact Samtec ASP Group for part customization.

**Note:** Some lengths, styles and options are non-standard, non-returnable.

| TMM        | 1 | NO. PINS PER ROW | LEAD STYLE                           | PLATING OPTION                                                                                                                                                                                                                              | ROW OPTION                                                                                          | OTHER OPTION                                                                                                                                                                                                                                                                                                     |
|------------|---|------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 thru 50 |   |                  | Specify LEAD STYLE from chart below. | <p><b>-F</b><br/>= Gold flash on post, Matte Tin on tail</p> <p><b>-L</b><br/>= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p> <p><b>-S</b><br/>= 30 μ" (0.76 μm) Gold on post, Matte Tin on tail</p> <p><b>-T</b><br/>= Matte Tin</p> | <p><b>-S</b><br/>= Single Row</p> <p><b>-D</b><br/>= Double Row</p> <p><b>-Q</b><br/>= Four Row</p> | <p><b>-RA &amp; -RE</b><br/>= Right-angle (Lead Style -01 only) (2 positions minimum, -Q row)</p> <p><b>-RC</b><br/>= Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style)</p> <p><b>-“XXX”</b><br/>= Polarized Position (Specify position of omitted pin)</p> |
|            |   |                  |                                      |                                                                                                                                                                                                                                             |                                                                                                     |                                                                                                                                                                                                                                                                                                                  |