

(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

(2 pins powered)

### 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:

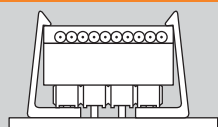
TCSD



### Note:

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

## 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)



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other platings

## 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.

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

| LEAD STYLE | A           | B           | C           |
|------------|-------------|-------------|-------------|
| -01        |             | (3.20) .126 | (3.50) .138 |
| -02        | (8.20) .323 | (3.70) .146 | (3.00) .118 |
| -03        |             | (4.00) .158 | (2.70) .106 |
| -04        | (5.69) .224 | (1.91) .075 | (2.29) .090 |
| -05        | (5.43) .214 | (1.65) .065 |             |
| -06        | (9.58) .377 | (3.20) .126 | (4.88) .192 |

-RC

-S

-D

-Q

-RA & -RE

| OPTION | D           |
|--------|-------------|
| -RA    | (1.27) .050 |
| -RE    | (3.56) .140 |

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

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

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

# Mouser Electronics

Authorized Distributor

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