



(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 μm (1.27 μm) 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

## 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

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

## 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.

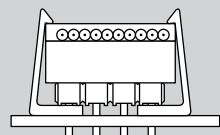
### Board Mates:

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

### Cable Mates:

TCSD

## APPLICATION



Retention Clip Option (-RC)

## HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

8 Gbps

Single, double and quad row

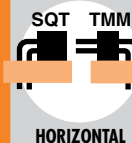
Choice of five lead styles

Ultra-low profile (1.50 mm) .059"

(2.00 mm) .0787"

(2.00 mm) .0787" pitch

## APPLICATIONS



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> = Gold flash on post, Matte Tin on tail  <b>-L</b> = 10 μm (0.25 μm) Gold on post, Matte Tin on tail  <b>-S</b> = 30 μm (0.76 μm) Gold on post, Matte Tin on tail  <b>-T</b> = Matte Tin	<b>-S</b> = Single Row  <b>-D</b> = Double Row  <b>-Q</b> = Four Row	<b>-RA &amp; -RE</b> = Right-angle (Lead Style -01 only) (2 positions minimum, -Q row)  <b>-RC</b> = Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style)  <b>-“XXX”</b> = Polarized Position (Specify position of omitted pin)																												
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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.