

(2.00 mm) .0787"

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 μ" (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

Yes

**Board Mates:**

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

**Cable Mates:**

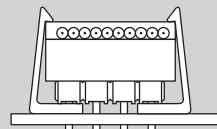
TCSD



**Note:**

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

## APPLICATION



Retention Clip Option (-RC)

Single, double and quad row

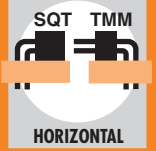
Choice of five lead styles

Ultra-low profile (1.50 mm) .059"

(2.00 mm) .0787"

(2.00 mm) .0787" pitch

## APPLICATIONS



HORIZONTAL

## RECOGNITIONS

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



FILE NO. E111594

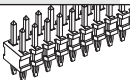
## ALSO AVAILABLE (MOQ Required)

- Other platings

## Other Solutions

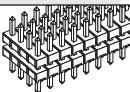
### Press-fit

See PTT Series.



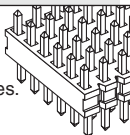
### Elevated

See TW Series.



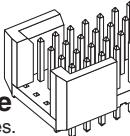
### High-density

See TMMH Series.



### Shrouded Four Row Vertical & Right-Angle

See TMMS Series.



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

<b>TMM</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OTHER OPTION</b>																												
		<b>01 thru 50</b>	Specify LEAD STYLE from chart below.	<p><b>-F</b> = Gold flash on post, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p> <p><b>-S</b> = 30 μ" (0.76 μm) Gold on post, Matte Tin on tail</p> <p><b>-T</b> = Matte Tin</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p> <p><b>-Q</b> = Four Row</p>	<p><b>-RA &amp; -RE</b> = Right-angle (Lead Style -01 only) (2 positions minimum, -Q row)</p> <p><b>-RC</b> = Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style)</p> <p><b>-“XXX”</b> = Polarized Position (Specify position of omitted pin)</p>																												
<p>No. of positions x (2.00) .0787</p> <p>(1.97) .078</p>		<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(3.20) .126</td> <td>(3.50) .138</td> <td></td> </tr> <tr> <td>-02</td> <td>(8.20) .323</td> <td>(3.70) .146</td> <td>(3.00) .118</td> </tr> <tr> <td>-03</td> <td>(4.00) .158</td> <td>(2.70) .106</td> <td></td> </tr> <tr> <td>-04</td> <td>(5.69) .224</td> <td>(1.91) .075</td> <td>(2.29) .090</td> </tr> <tr> <td>-05</td> <td>(5.43) .214</td> <td>(1.65) .065</td> <td></td> </tr> <tr> <td>-06</td> <td>(9.58) .377</td> <td>(3.20) .126</td> <td>(4.88) .192</td> </tr> </tbody> </table>		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	<p>(3.05) .120</p> <p>(3.20) .126</p> <p>(2.00) .0787</p> <p>(1.27) .050</p> <p>(2.00) .0787</p> <p><b>-Q -RA</b></p>		
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<p>(6.00) .236</p> <p>(8.00) .315</p>		<p>(0.50) .020 SQ</p> <p>(1.50) .059</p> <p>(2.00) .0787</p> <p><b>-S</b> <b>-D</b> <b>-Q</b></p>		<p>(3.05) .120</p> <p>(3.20) .126</p> <p>(2.00) .0787</p> <p><b>-RA &amp; -RE</b></p>																														
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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