

(2.00 mm) .0787"

TMM SERIES

LOW-PROFILE THROUGH-HOLE HEADER

SPECIFICATIONS

For complete specifications see 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

Yes

Board Mates:

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

Cable Mates:

TCSD



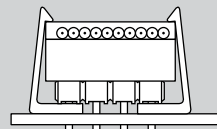
Note: Some lengths, styles and options are non-standard, non-returnable.

Single, double and quad row

Ultra-low profile (1.50 mm) .059"

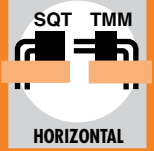
Choice of five lead styles

APPLICATION



Retention Clip Option (-RC)

APPLICATIONS



RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

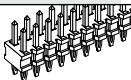
ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

Other Solutions

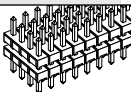
Press-fit

See PTT Series.



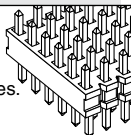
Elevated

See TW Series.



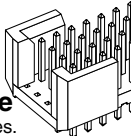
High-density

See TMMH Series.



Shrouded Four Row Vertical & Right-Angle

See TMMS Series.



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

TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION																																		
		01 thru 50	Specify LEAD STYLE from chart below.	<p>-F = Gold flash on post, Matte Tin on tail</p> <p>-L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail</p> <p>-S = 30 μm (0.76 μm) Gold on post, Matte Tin on tail</p> <p>-T = Matte Tin</p>	<p>-S = Single Row</p> <p>-D = Double Row</p> <p>-Q = Four Row</p>	<p>-RA & -RE = Right-angle (Lead Style -01 only) (2 positions minimum, -Q row)</p> <p>-RC = Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style)</p> <p>-“XXX” = 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></td> <td>(3.20) .126</td> <td>(3.50) .138</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></td> <td>(4.00) .158</td> <td>(2.70) .106</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>-Q -RA</p>	<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>-RC</p> <p>-S</p> <p>-D</p> <p>-Q</p> <p>-RA & -RE</p>	<table border="1"> <thead> <tr> <th>OPTION</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>-RA</td> <td>(1.27) .050</td> </tr> <tr> <td>-RE</td> <td>(3.56) .140</td> </tr> </tbody> </table>	OPTION	D	-RA	(1.27) .050	-RE	(3.56) .140
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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.