



(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

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



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.

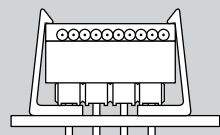
Board Mates:

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 or contact SIG@samtec.com

8 Gbps

Single, double and quad row

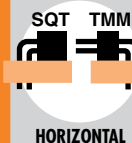
Choice of five lead styles

Ultra-low profile (1.50 mm) .059"

(2.00 mm) .0787"

(2.00 mm) .0787" pitch

APPLICATIONS



HORIZONTAL

TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION																												
01 thru 50			Specify LEAD STYLE from chart below.	-F = Gold flash on post, Matte Tin on tail -L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail -S = 30 μm (0.76 μm) Gold on post, Matte Tin on tail -T = Matte Tin	-S = Single Row -D = Double Row -Q = Four Row	-RA & -RE = Right-angle (Lead Style -01 only) (2 positions minimum, -Q row) -RC = Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style) -“XXX” = Polarized Position (Specify position of omitted pin)																												
No. of positions x (2.00) .0787 (1.97) .078 50 01			<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			
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