



2mm LOW PROFILE TMM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com/TMM

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Plating:
Sn or Au over 50µ" (1,27µm) Ni

Operating Temp Range:
-55°C to +105°C with Tin;
-55°C to +125°C with Gold

Voltage Rating:
500 VAC mated with SQW
450 VAC mated with SQT

RoHS Compliant:
Yes

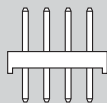
Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x

Lead-Free Solderable:
Yes

Mates with:
CLT, SQT, SQW, ESQT,
TLE, SMM, MMS, TCSD

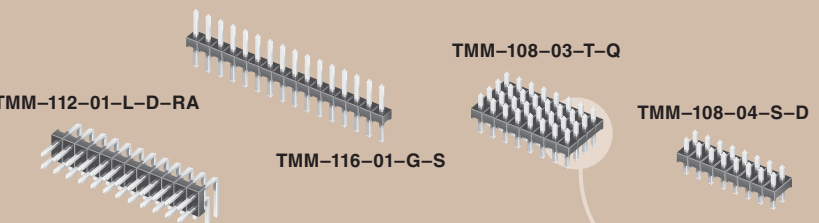
ALSO AVAILABLE



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

AMBIENT TEMP	CURRENT RATING	
	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

Single, double and quad row



Ultra-low profile
(1,50mm) .059"

Choice of five lead styles

APPLICATIONS

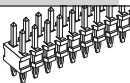


Note:
Some lengths, styles and options are non-standard, non-returnable.

Also Available

Press Fit

See PTT Series.



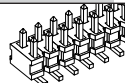
2mm Shunt

See 2SN Series.



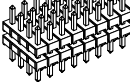
Surface Mount

See TMM Series.



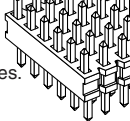
Elevated

See TW Series.



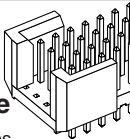
High Density

See TMMH Series.



Shrouded Four Row Vertical & Right Angle

See TMMS Series.



TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION																							
01 thru 50			Specify LEAD STYLE from chart below.	-L = 10µ" (0,25µm) Gold on contact area, Matte Tin on tail	-S = Single Row	-RA & -RE = Right Angle (Lead Style -01 only) (2 positions minimum, -Q row) -L = Cable Latch (Double row only 4 positions minimum) -"XXX" = Polarized Position (Specify position of omitted pin)																							
				-G = 20µ" (0,51µm) Gold on contact area, Gold flash on tail	-D = Double Row																								
				-T = Matte Tin	-Q = Four Row																								
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			<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>(3,100) .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> </tbody> </table>	LEAD STYLE	A	B	C	-01	(3,20) .126	(3,50) .138		-02	(8,20) .323	(3,70) .146	(3,100) .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			
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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