

# 2mm LOW PROFILE TMM SERIES

## 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 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

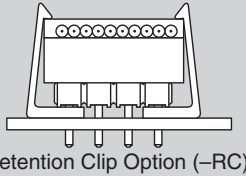
CURRENT RATING		
AMBIENT TEMP	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

**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



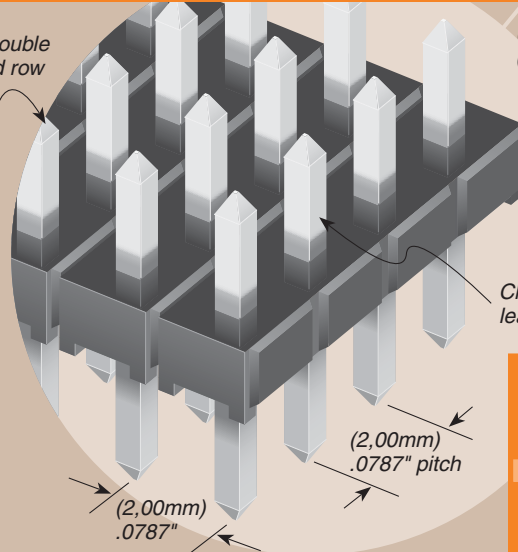
## APPLICATION



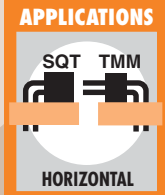
**Note:** Some lengths, styles and options are non-standard, non-returnable.

Single, double and quad row

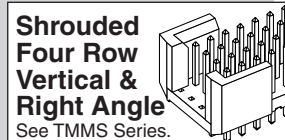
Ultra-low profile (1,50mm) .059"



Choice of five lead styles



## Also Available



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

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 -G = 20µ" (0,51µm) Gold on contact area, Gold flash on tail -T = Matte Tin -S = 30µ" (0,76µm) Gold on contact area, Matte Tin on tail	-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)																												
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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