

(2.00 mm) .0787"

TMM SERIES

# LOW-PROFILE SMT HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts 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 µm (1.27 µm) Ni

**Current Rating:** 3.2 A per pin

(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

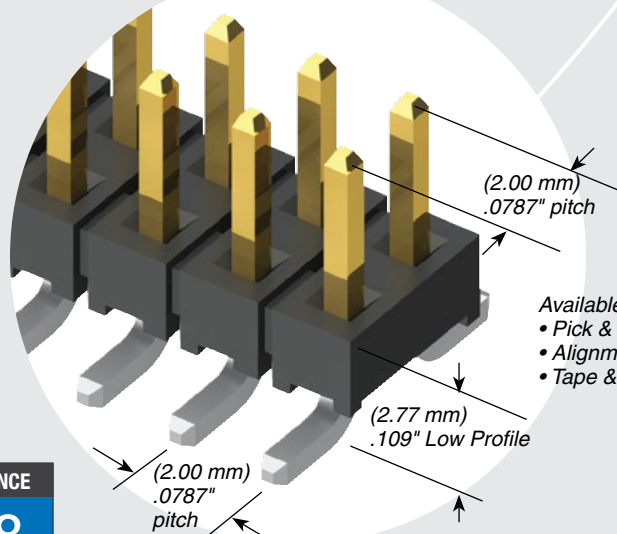
Yes

## Board Mates:

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

## Cable Mates:

TCSD



Available with optional  
 • Pick & place pads  
 • Alignment pins  
 • Tape & reel packaging

## HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

8 Gbps

## PROCESSING

**Lead-Free Solderable:** Yes

**SMT Lead Coplanarity:** (0.15 mm) .006" max\*  
 \*(.004" stencil solution may be available; contact [IPG@samtec.com](mailto:IPG@samtec.com))

## RECOGNITIONS

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



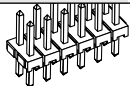
## ALSO AVAILABLE (MOQ Required)

- Other platings

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

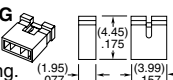
## Other Solutions

**Through-hole**



**2 mm Shunt**

Specify **2SN-BK-G** for 2 mm shunt with Gold plating.



<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>SM</b>	<b>OTHER OPTION</b>
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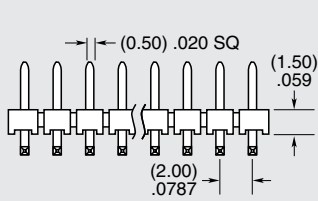
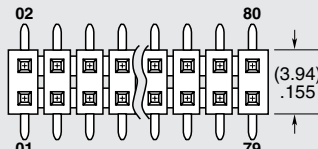
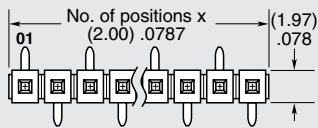
02 thru 40

Specify LEAD STYLE from chart below.

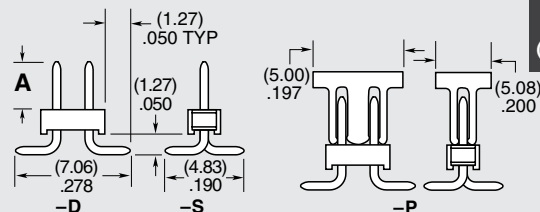
- F** = Gold flash on post, Matte Tin on tail
- L** = 10 µm (0.25 µm) Gold on post, Matte Tin on tail
- S** = 30 µm (0.76 µm) Gold on post, Matte Tin on tail
- T** = Matte Tin

- S** = Single Row
- D** = Double Row

- A** = Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only)
- "XXX"** = Polarized Position (Specify position of omitted pin)
- P** = Pick & Place Pad (3 positions minimum)
- TR** = Tape & Reel (3 thru 36 positions only)
- FR** = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks) (3 thru 36 positions only)



LEAD STYLE	A	MATES WITH
-01	(3.20) .126	SQT, SQW, ESQT, TLE, SMM, MMS, TCSD
-04	(1.91) .075	CLT
-05	(1.65) .065	CLT
-06	(4.27) .168	CLT-BE



Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://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.

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