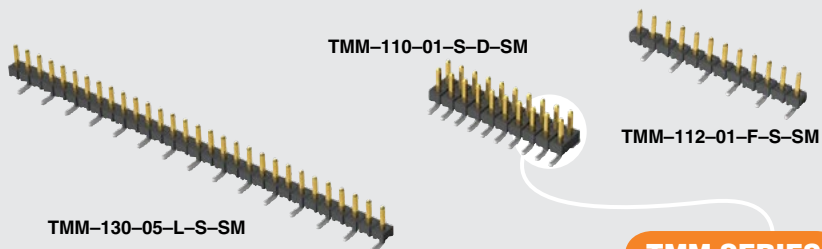




(2.00 mm) .0787"



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:

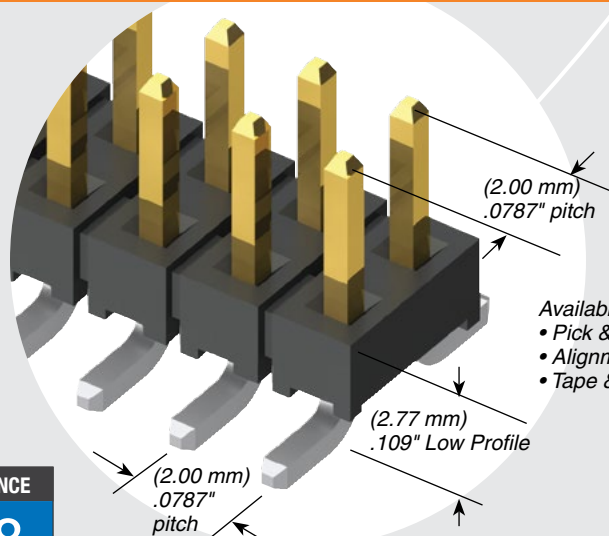
Yes

### Board Mates:

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

### Cable Mates:

TCSD



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

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

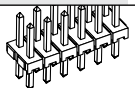
- Other platings

### Note:

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

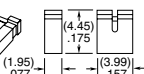
## Other Solutions

### Through-hole



### 2 mm Shunt

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

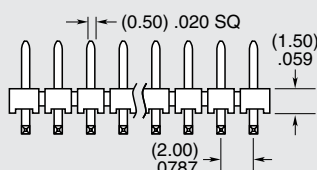
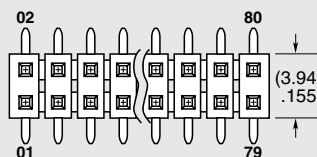
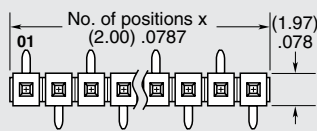


## HIGH-SPEED CHANNEL PERFORMANCE

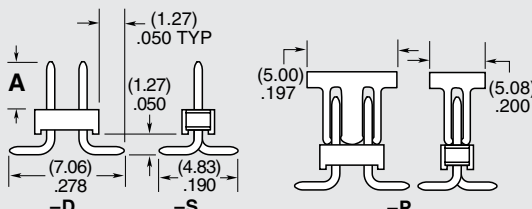
Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact SIG@samtec.com

8 Gbps

TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SM	OTHER OPTION
		02 thru 40	Specify LEAD STYLE from chart below.	<b>-F</b> = Gold flash on post, Matte Tin on tail <b>-L</b> = 10 μm (0.25 μm) Gold on post, Matte Tin on tail <b>-S</b> = 30 μm (0.76 μm) Gold on post, Matte Tin on tail <b>-T</b> = Matte Tin	<b>-S</b> = Single Row <b>-D</b> = Double Row	<b>-A</b> = Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only) <b>-“XXX”</b> = Polarized Position (Specify position of omitted pin) <b>-P</b> = Pick & Place Pad (3 positions minimum) <b>-TR</b> = Tape & Reel Packaging (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	
-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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