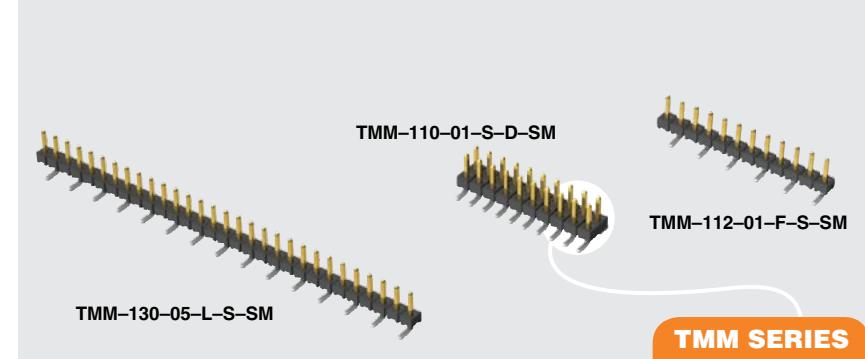




(2.00 mm) .0787"



TMM SERIES

# LOW-PROFILE SMT HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com](http://www.samtec.com)?TMM

### Insulator Material:

Black Liquid Crystal Polymer  
Terminal Material:

Phosphor Bronze

### Plating:

Sn or Au over

50  $\mu$ " (1.27  $\mu$ m) Ni

### Current Rating:

3.2 A per pin

(2 pins powered)

### Operating Temp Range:

-55  $^{\circ}$ C to +105  $^{\circ}$ C with Tin;  
-55  $^{\circ}$ C to +125  $^{\circ}$ C with Gold

### Voltage Rating:

281 VAC mated with SQW;  
250 VAC mated with SQT

### RoHS Compliant:

Yes

## 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)

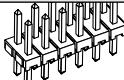
- Other platings

### Note:

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

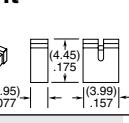
## Other Solutions

### Through-hole



### 2 mm Shunt

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



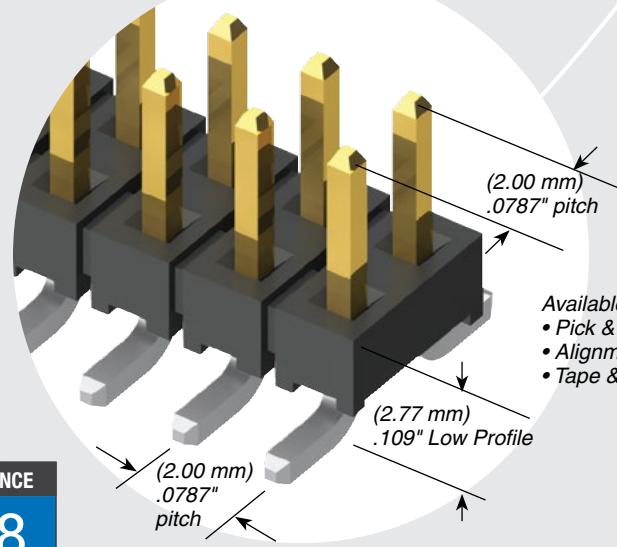
**Board Mates:**  
CLT, SQT, SQW, ESQT,  
TLE, SMM, MMS

**Cable Mates:**  
TCSD

## 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)

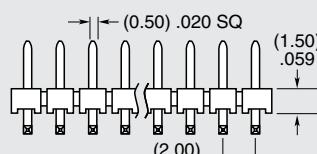
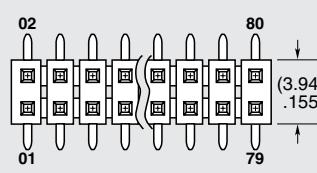
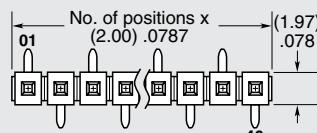
8  
Gbps



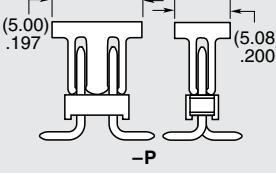
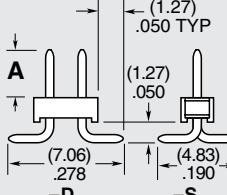
Available with optional  

- Pick & place pads
- Alignment pins
- Tape & reel packaging

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