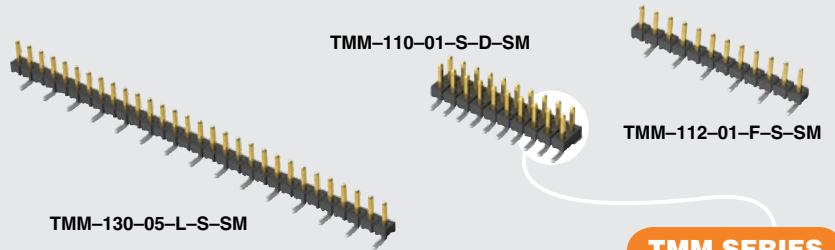




(2.00 mm) .0787"



TMM SERIES

LOW-PROFILE SMT HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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

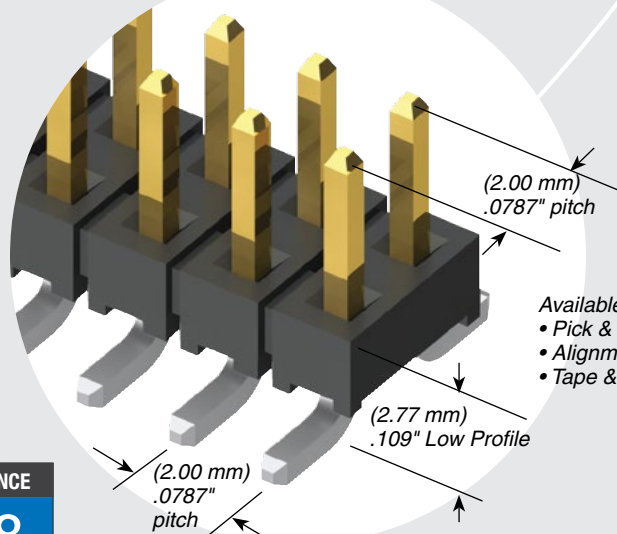
Yes

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 or contact 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)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



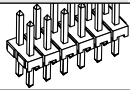
ALSO AVAILABLE (MOQ Required)

- Other platings

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

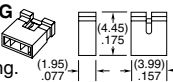
Other Solutions

Through-hole

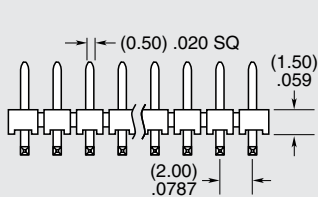
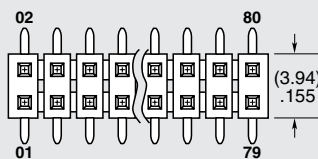
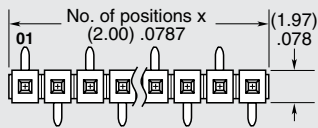


2 mm Shunt

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



TMM	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	SM	OTHER OPTION
02 thru 40			Specify LEAD STYLE from chart below.	<p>-F = Gold flash on post, Matte Tin on tail</p> <p>-L = 10 µm (0.25 µm) Gold on post, Matte Tin on tail</p> <p>-S = 30 µm (0.76 µm) Gold on post, Matte Tin on tail</p> <p>-T = Matte Tin</p>	<p>-S = Single Row</p> <p>-D = Double Row</p>	<p>-A = Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only)</p> <p>-"XXX" = Polarized Position (Specify position of omitted pin)</p> <p>-P = Pick & Place Pad (3 positions minimum)</p> <p>-TR = Tape & Reel Packaging (3 thru 36 positions only)</p>	



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.

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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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