

(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)

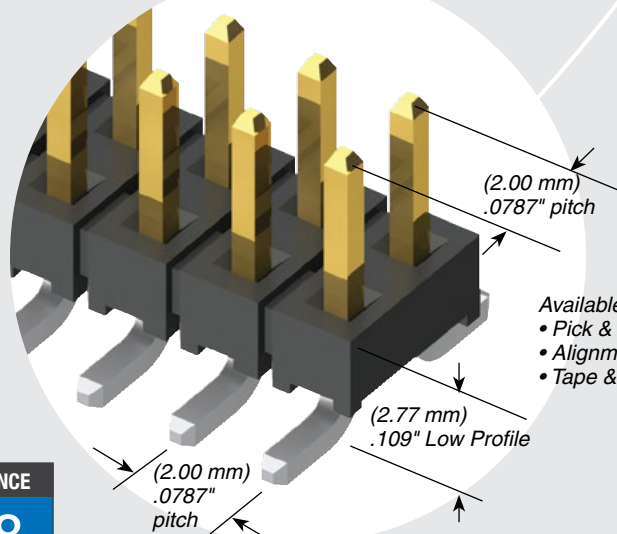
Operating Temp Range: -55 °C to +105 °C with Tin; -55 °C to +125 °C with Gold

Voltage Rating: 281 VAC mated with SQW; 250 VAC mated with SQT

RoHS Compliant: Yes

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



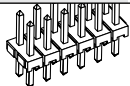
ALSO AVAILABLE (MOQ Required)

- Other platings

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

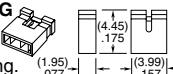
Other Solutions

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
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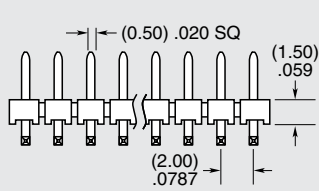
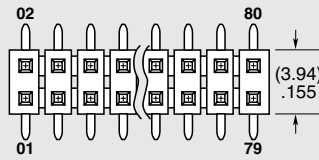
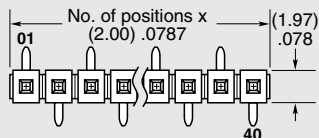
02 thru 40

Specify LEAD STYLE from chart below.

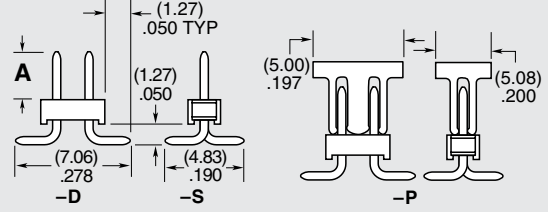
- F** = Gold flash on post, Matte Tin on tail
- L** = 10 µm (0.25 µm) Gold on post, Matte Tin on tail
- S** = 30 µm (0.76 µm) Gold on post, Matte Tin on tail
- T** = Matte Tin

- 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 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	CLT
-06	(4.27) .168	CLT-BE



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