



(2.00 mm) .0787"



TMM-110-01-S-D-SM



TMM-112-01-F-S-SM

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:**

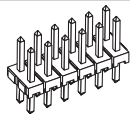
CLT, SQT, SQW, ESQT, TLE, SMM, MMS

**Cable Mates:**

TCSD

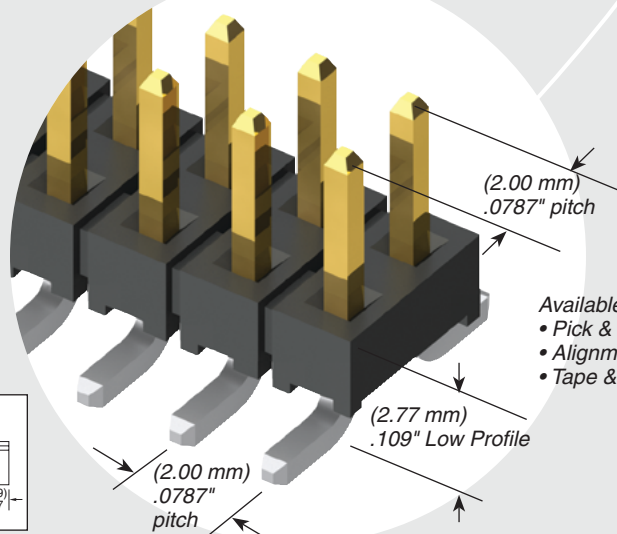
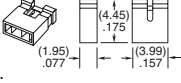
## OTHER SOLUTIONS

**Through-hole**



**2 mm Shunt**

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



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](mailto:IPG@samtec.com))

## RECOGNITIONS

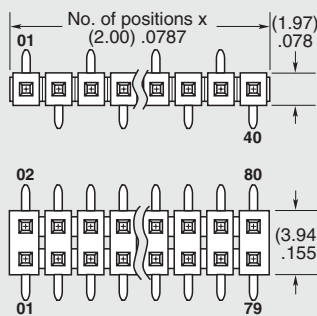
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



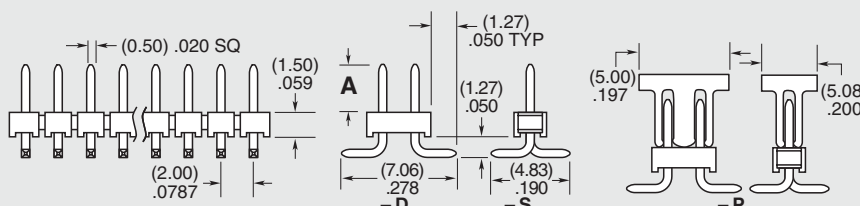
## ALSO AVAILABLE (MOQ Required)

- Other platings

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

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

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