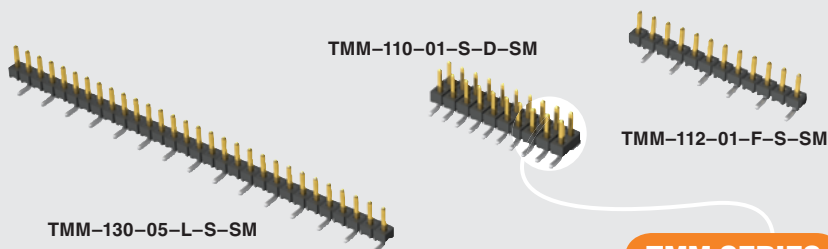




(2,00 mm) .0787"



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  
50µ" (1,27 µm) Ni

**Current Rating:**

3.2 A per pin  
(1 pin powered per row)

**Operating Temp Range:**

-55°C to +105°C with Tin;

-55°C to +125°C with Gold

**Voltage Rating:**

500 VAC mated with SQW

450 VAC mated with SQT

**RoHS Compliant:**

Yes

**Processing:**

Lead-Free Solderable:

Yes

**SMT Lead Coplanarity:**

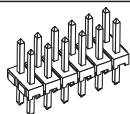
(0,15 mm) .006" max

**Mates with:**

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

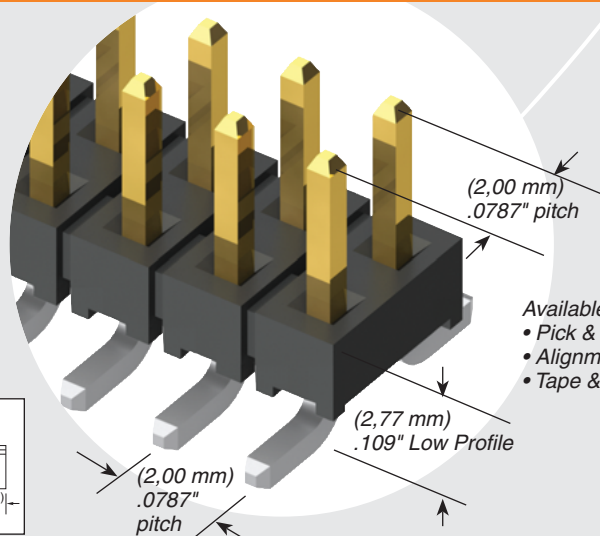
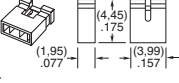
## OTHER SOLUTIONS

**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

## RECOGNITIONS

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



FILE NO. E111594 FILE NO. 090871\_0\_000

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

| 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><br>= Gold flash on post, Matte Tin on tail<br><br><b>-L</b><br>= 10µ" (0,25 µm) Gold on post, Matte Tin on tail<br><br><b>-S</b><br>= 30µ" (0,76 µm) Gold on post, Matte Tin on tail<br><br><b>-T</b><br>= Matte Tin | <b>-S</b><br>= Single Row<br><br><b>-D</b><br>= Double Row | <b>-A</b><br>= Alignment Pin (Metal or plastic at Samtec's discretion) (5 positions minimum) (-D only)<br><br><b>-“XXX”</b><br>= Polarized Position (Specify position of omitted pin)<br><br><b>-M</b><br>= Metal Pick & Place Pad (4 positions minimum) (-T plating not available) (-D only)<br><br><b>-P</b><br>= Pick & Place Pad (3 positions minimum)<br><br><b>-TR</b><br>= 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                              |

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