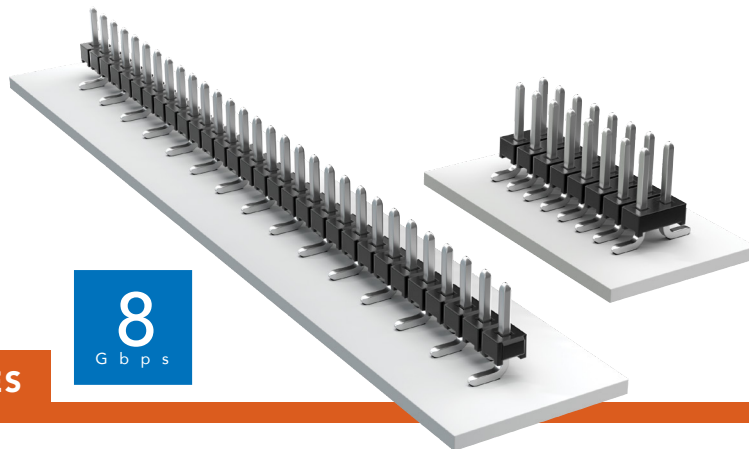


# LOW PROFILE SMT HEADER

(2.00 mm) .0787" PITCH • TMM SERIES



## TMM

### Board Mates:

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

### Cable Mates:

TCSD

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Sn or Au over  
50  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55 °C to +105 °C with Tin;  
-55 °C to +125 °C with Gold

### Current Rating:

3.3 A per pin  
(2 pins powered)

### Voltage Rating:

281 VAC/397 VDC  
mated with SQW;  
250 VAC/354 VDC  
mated with SQT;  
375 VAC/530 VDC  
mated with SMM

## PROCESSING

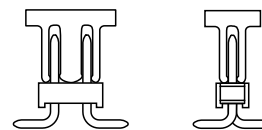
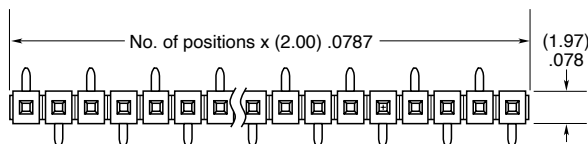
### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

(0.15 mm) .006" max\*  
\*(.004" stencil solution  
may be available; contact  
ipg@samtec.com)

| TMM | 1 | NO. PINS<br>PER ROW | LEAD<br>STYLE                             | PLATING<br>OPTION                                                                                                                                                                | ROW<br>OPTION                                                    | SM | OTHER<br>OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|---|---------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |   | 02 thru 40          | Specify<br>LEAD<br>STYLE<br>from<br>chart | <b>-F</b><br>= Gold flash<br>on post,<br>Matte Tin on tail<br><br><b>-L</b><br>= 10 $\mu$ " (0.25 $\mu$ m)<br>Gold on post,<br>Matte Tin on tail<br><br><b>-T</b><br>= Matte Tin | <b>-S</b><br>= Single<br>Row<br><br><b>-D</b><br>= Double<br>Row |    | <b>-A</b><br>= Alignment Pin<br>(Metal or plastic<br>at Samtec's<br>discretion)<br>(5 positions<br>minimum)<br>(-D only)<br><br><b>-"XXX"</b><br>= Polarized<br>Position<br>(Specify<br>position of<br>omitted pin)<br><br><b>-P</b><br>= Pick &<br>Place Pad<br>(3 positions<br>minimum)<br><br><b>-TR</b><br>= Tape & Reel<br>(3 thru 36<br>positions only)<br><br><b>-FR</b><br>= Full Reel<br>Tape & Reel<br>(must order max.<br>quantity per reel;<br>contact<br>Samtec for<br>quantity breaks)<br>(3 thru 36<br>positions only) |

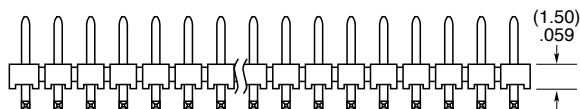
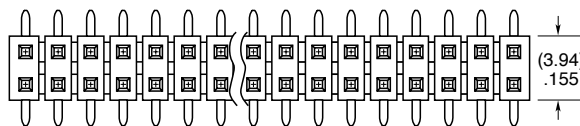


-P

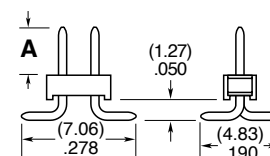
## ALSO AVAILABLE

Contact Samtec

Other plating



| LEAD<br>STYLE | A           | MATES<br>WITH                          |
|---------------|-------------|----------------------------------------|
| -01           | (3.20) .126 | SQT, SQW, ESQT,<br>TLE, SMM, MMS, TCSD |
| -04           | (1.91) .075 | CLT                                    |
| -05           | (1.65) .065 |                                        |
| -06           | (4.27) .168 | CLT-BE                                 |



-D

-S



### Note:

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