

# 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  
LEAD  
STYLE  
from  
chart

**-F**  
= Gold flash  
on post,  
Matte Tin on tail

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m)  
Gold on post,  
Matte Tin on tail

**-T**  
= Matte Tin

**-S**  
= Single  
Row

**-D**  
= Double  
Row

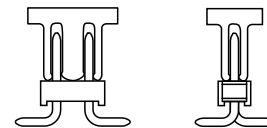
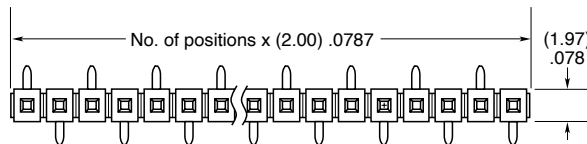
**-A**  
= Alignment Pin  
(Metal or plastic  
at Samtec's  
discretion)  
(5 positions  
minimum)  
(-D only)

**-"XXX"**  
= Polarized  
Position  
(Specify  
position of  
omitted pin)

**-P**  
= Pick &  
Place Pad  
(3 positions  
minimum)

**-TR**  
= Tape & Reel  
(3 thru 36  
positions only)

**-FR**  
= Full Reel  
Tape & Reel  
(must order max.  
quantity per reel;  
contact  
Samtec for  
quantity breaks)  
(3 thru 36  
positions only)

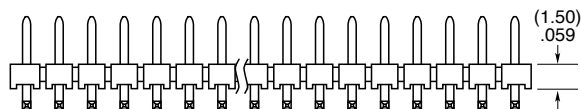
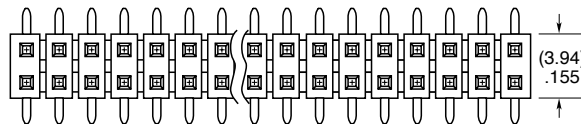


-P

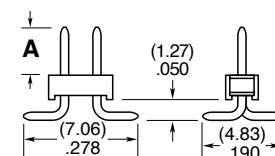
## ALSO AVAILABLE

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.