

# THROUGH-HOLE LOW PROFILE 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 (SMM/TMM):

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

## APPLICATION



Retention Clip Option (-RC)

## ALSO AVAILABLE

Contact Samtec

Other Platings



### Note:

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

| TMM | 1 | NO. PINS<br>PER ROW | LEAD<br>STYLE | PLATING<br>OPTION | ROW<br>OPTION | OTHER<br>OPTION |
|-----|---|---------------------|---------------|-------------------|---------------|-----------------|
|-----|---|---------------------|---------------|-------------------|---------------|-----------------|

02 thru 50

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

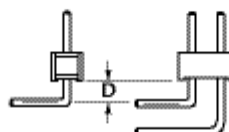
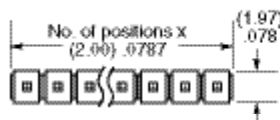
**-D**  
= Double  
Row

**-Q**  
= Four  
Row

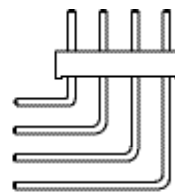
**-RA &  
-RE**  
= Right-angle  
(Lead Style  
-01 only)  
(2 positions  
minimum,  
-Q row)

**-RC**  
= Retention Clip  
(Mates with  
TCSD)  
(Double row only,  
4 positions  
minimum, only  
available -06  
lead style)

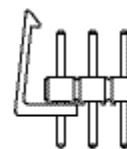
**-"XXX"**  
= Polarized  
Position  
(Specify position  
of omitted pin)



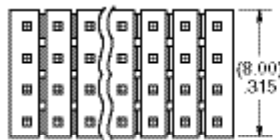
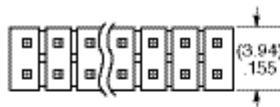
-RA & -RE



-Q -RA

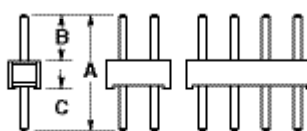
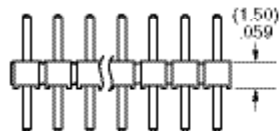


-RC



| OPTION | D              |
|--------|----------------|
| -RA    | (1.27)<br>.050 |
| -RE    | (3.56)<br>.140 |

| LEAD<br>STYLE | A              | B              | C              |
|---------------|----------------|----------------|----------------|
| -01           |                | (3.20)<br>.126 | (3.50)<br>.138 |
| -02           | (8.20)<br>.323 | (3.70)<br>.146 | (3.00)<br>.118 |
| -03           |                | (4.00)<br>.158 | (2.70)<br>.106 |
| -04           | (5.69)<br>.224 | (1.91)<br>.075 |                |
| -05           | (5.43)<br>.214 | (1.65)<br>.065 | (2.29)<br>.090 |
| -06           | (9.58)<br>.377 | (3.20)<br>.126 | (4.88)<br>.192 |



-S

-D

-Q