

# THROUGH-HOLE LOW PROFILE HEADER

(2.00 mm) .0787" PITCH • TMM SERIES

8  
G b p s

## 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

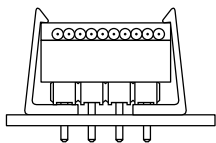
mated with SMM

## PROCESSING

### Lead-Free Solderable:

Yes

## APPLICATION



Retention Clip Option (-RC)

## ALSO AVAILABLE

Contact Samtec

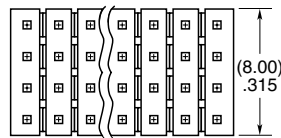
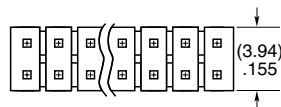
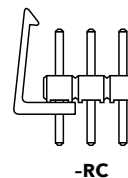
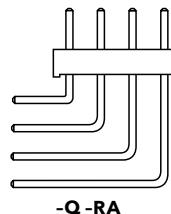
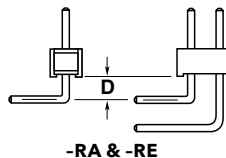
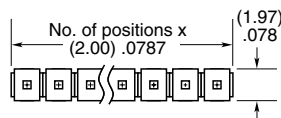
Other Platings



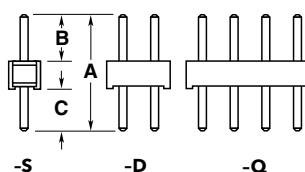
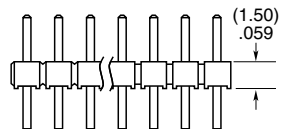
### Note:

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

| TMM | 1 | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION                                                                                                                                               | ROW OPTION                                                                        | OTHER OPTION                                                                                                                                                                                                                                                                                   |
|-----|---|------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |   | 02 thru 50       | Specify LEAD STYLE from chart | <b>-F</b><br>= Gold flash on post, Matte Tin on tail<br><b>-L</b><br>= 10 $\mu$ " (0.25 $\mu$ m) Gold on post, Matte Tin on tail<br><b>-T</b><br>= Matte Tin | <b>-S</b><br>= Single Row<br><b>-D</b><br>= Double Row<br><b>-Q</b><br>= Four Row | <b>-RA &amp; -RE</b><br>= Right-angle (Lead Style -01 only) (2 positions minimum, -Q row)<br><b>-RC</b><br>= Retention Clip (Mates with TCSD) (Double row only, 4 positions minimum, only available -06 lead style)<br><b>-“XXX”</b><br>= Polarized Position (Specify position of omitted pin) |



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



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