



# THE DATASHEET OF TMM-102-06-G-S

# 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

### Current Rating (SMM/TMM):

3.2 A per row  
(2 pins powered)

### Operating Temp Range:

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

### Voltage Rating:

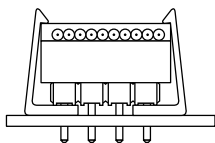
281 VAC mated with SQW;  
250 VAC mated with SQT

## PROCESSING

### Lead-Free Solderable:

Yes

## APPLICATION



Retention Clip Option (-RC)

## ALSO AVAILABLE

MOQ Required

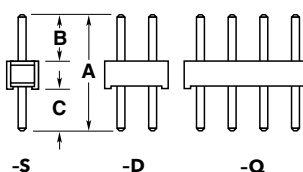
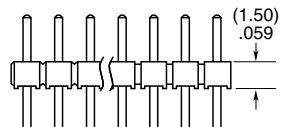
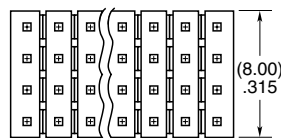
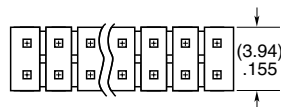
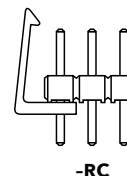
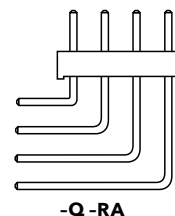
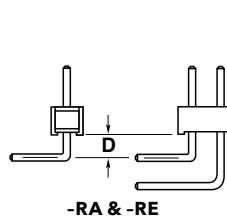
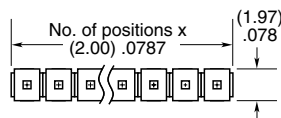
Other Platings



### 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<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>-S</b><br>= 30 $\mu$ " (0.76 $\mu$ 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<br><br><b>-Q</b><br>= Four<br>Row | <b>-RA &amp; -RE</b><br>= Right-angle<br>(Lead Style<br>-01 only)<br>(2 positions<br>minimum,<br>-Q row)<br><br><b>-RC</b><br>= Retention Clip<br>(Mates with<br>TCSD)<br>(Double row only,<br>4 positions<br>minimum, only<br>available -06<br>lead style)<br><br><b>-"XXX"</b><br>= Polarized<br>Position<br>(Specify position<br>of omitted pin) |



| 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 |

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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 [Samtec Inc.](#) Information

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