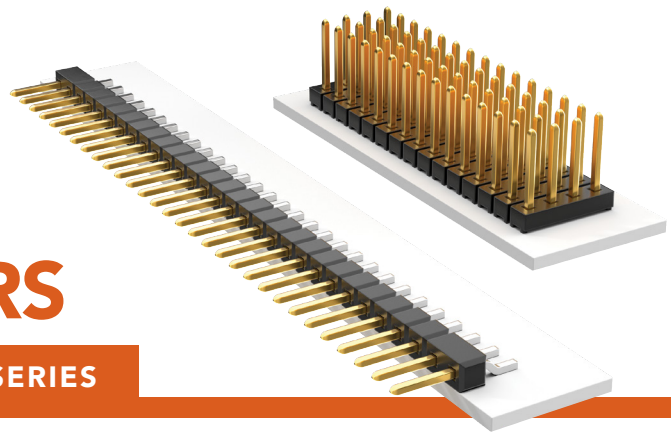


# HORIZONTAL & MODIFIED HEADERS

(2.00 mm) .0787" PITCH • MMT/MTMM SERIES



## MMT/MTMM

### Board Mates:

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

### Cable Mates:

TCSD

### \*Important Note:

SQT will not mate to the  
MMT -02 lead style.

## SPECIFICATIONS

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze

### Plating:

Au or Sn over  
50 μ" (1.27 μm) Ni

### Operating Temp Range:

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

## PROCESSING

### Lead-Free Solderable:

Yes

### SMT Lead Coplanarity (MMT):

(0.10 mm) .004" max (02-25)

(0.15 mm) .006" max (26-36)\*

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

| MMT | 1 | NO. PINS<br>PER ROW | LEAD<br>STYLE                                                        | PLATING<br>OPTION                                                                                                                               | ROW<br>OPTION                                                                                  | OPTION                                                                                                                                                                                                                                                                                                                                                                   |
|-----|---|---------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |   | 02 thru 36          | -01<br>= (3.20 mm)<br>.126" post<br>-02<br>= (4.45 mm)<br>.175" post | -F<br>= Gold flash<br>on post,<br>Matte Tin<br>on tail<br>-L<br>= 10 μ"<br>(0.25 μm)<br>Gold post,<br>Matte Tin<br>on tail<br>-T<br>= Matte Tin | -SH<br>= Single<br>Row<br>-DH<br>= Double<br>Row<br>-MT<br>= Double<br>Row Mixed<br>Technology | -K<br>= (4.00 mm) .157"<br>DIA Polyimide Film<br>Pick & Place Pad<br>(3 positions min.)<br>-P<br>= Pick &<br>Place Pad<br>(2 positions min.)<br>-"XXX"<br>= Polarized<br>Position<br>Specify position<br>of omitted pin<br>-TR<br>= Tape & Reel<br>-FR<br>= Full Reel<br>Tape & Reel<br>(must order max.<br>quantity per reel;<br>contact Samtec for<br>quantity breaks) |

**ALSO AVAILABLE**  
Contact Samtec

Alignment pins  
Locking clips  
Molded pick &  
place pads

| MTMM | 1 | NO. PINS<br>PER ROW | LEAD<br>STYLE                             | PLATING<br>OPTION                                                                                                                               | ROW<br>OPTION                                                         | POST<br>HEIGHT                                                                                                          | OPTION                                                                     |
|------|---|---------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|      |   | 01 thru 50          | Specify<br>LEAD<br>STYLE<br>from<br>chart | -F<br>= Gold flash<br>on post,<br>Matte Tin<br>on tail<br>-L<br>= 10 μ"<br>(0.25 μm)<br>Gold post,<br>Matte Tin<br>on tail<br>-T<br>= Matte Tin | -S<br>= Single<br>Row<br>-D<br>= Double<br>Row<br>-Q<br>= Quad<br>Row | -"XXX"<br>= Post<br>Height<br>in inches<br>(0.13 mm)<br>.005"<br>increments<br>Example:<br>-070<br>= (1.78 mm)<br>.070" | -"XXX"<br>= Polarized<br>Position<br>Specify<br>position of<br>omitted pin |

| LEAD<br>STYLE | OAL          |
|---------------|--------------|
| -02           | (6.48) .255  |
| -03           | (7.67) .302  |
| -04           | (8.20) .323  |
| -05           | (9.58) .377  |
| -06           | (10.08) .397 |
| -07           | (11.58) .456 |
| -08           | (12.09) .476 |
| -09           | (13.59) .535 |
| -10           | (14.10) .555 |
| -11           | (15.09) .594 |
| -12           | (15.60) .614 |
| -13           | (17.09) .673 |
| -14           | (19.08) .751 |
| -15           | (21.08) .830 |

### Note:

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

[samtec.com?MMT](http://samtec.com?MMT) or [samtec.com?MTMM](http://samtec.com?MTMM)

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Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.