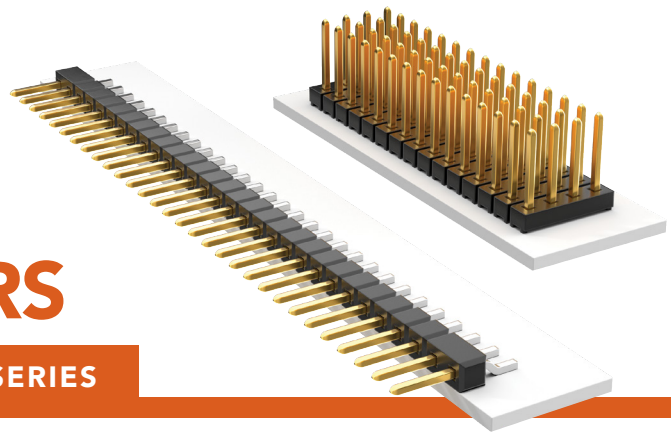


# HORIZONTAL & MODIFIED HEADERS

(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  $\mu$ " (1.27  $\mu$ m) Ni

### Operating Temp Range:

-55  $^{\circ}$ C to +105  $^{\circ}$ C with Tin;  
-55  $^{\circ}$ C to +125  $^{\circ}$ 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 | -F<br>= Gold flash<br>on post,<br>Matte Tin<br>on tail                     | -SH<br>= Single<br>Row                     | -K<br>= (4.00 mm) .157"<br>DIA Polyimide Film<br>Pick & Place Pad<br>(3 positions min.)                               |
|     |   |                     | -02<br>= (4.45 mm)<br>.175" post | -L<br>= 10 $\mu$ "<br>(0.25 $\mu$ m)<br>Gold post,<br>Matte Tin<br>on tail | -DH<br>= Double<br>Row                     | -P<br>= Pick &<br>Place Pad<br>(2 positions min.)                                                                     |
|     |   |                     |                                  | -T<br>= Matte Tin                                                          | -MT<br>= Double<br>Row Mixed<br>Technology | -“XXX”<br>= Polarized<br>Position<br>Specify position<br>of omitted pin                                               |
|     |   |                     |                                  |                                                                            |                                            | -TR<br>= Tape & Reel                                                                                                  |
|     |   |                     |                                  |                                                                            |                                            | -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                     | -S<br>= Single<br>Row | -“XXX”<br>= Post<br>Height<br>in inches<br>(0.13 mm)<br>.005"<br>increments | -“XXX”<br>= Polarized<br>Position<br>Specify<br>position of<br>omitted pin |
|      |   |                     |                                           | -L<br>= 10 $\mu$ "<br>(0.25 $\mu$ m)<br>Gold post,<br>Matte Tin<br>on tail | -D<br>= Double<br>Row | Example:<br>-070<br>= (1.78 mm)<br>.070"                                    |                                                                            |
|      |   |                     |                                           | -T<br>= Matte Tin                                                          | -Q<br>= Quad<br>Row   |                                                                             |                                                                            |

| 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)

F-226