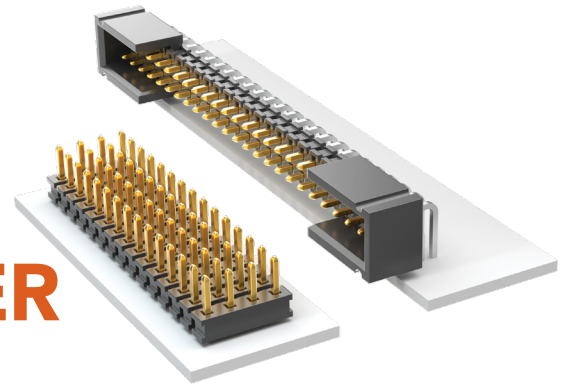


# FLEXIBLE THROUGH-HOLE HEADER



(2.00 mm) .0787" PITCH • TMMH SERIES

## TMMH

### 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

(TMMH/CLT):

4.2 A per pin

(2 pins powered)

### Current Rating

(TMMH/ESQT):

4.5 A per pin

(2 pins powered)

### Current Rating

(TMMH/SQT):

5.1 A per pin

(2 pins powered)

### Voltage Rating:

405 VAC/573 VDC

mated with CLT;

281 VAC/397 VDC

mated with SQW;

250 VAC/354 VDC

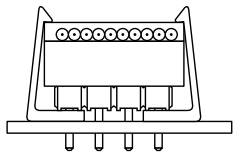
mated with SQT

## 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.

| TMMH | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | TAIL OPTION | FLEX SHROUD OPTIONS | OTHER OPTIONS |
|------|---|------------------|------------|----------------|------------|-------------|---------------------|---------------|
|------|---|------------------|------------|----------------|------------|-------------|---------------------|---------------|

03  
thru  
50

Specify  
LEAD  
STYLE  
from  
chart

**-F**  
= Gold flash  
on post,  
Matte Tin  
on tail

**-D**  
= Double  
Row  
(Required  
for Flex  
Shroud  
option)

**-RA**  
= Right-  
angle  
(Double  
& Triple  
Row only)  
(-ES, -EP,  
-EL Double  
Row only)  
(-EC, -EBC  
and -EPC  
not available)  
(-06 Lead  
style not  
available)

Flex Shroud  
requires -D row  
& 9 pins/row  
minimum  
(For board-to-  
board interfaces.  
Will not mate  
with TCSD)

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

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

**-ES**  
= End Shroud

**-EC**  
= End Shroud  
with Locking Clip  
(Manual  
placement  
required)

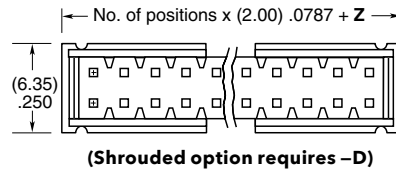
**-EP**  
= End Shroud  
with Guide Post

**-EL**  
= End Shroud  
with Board Lock  
(Boards are  
positively locked  
and cannot be  
unmated)

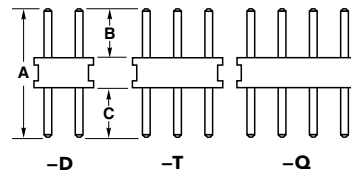
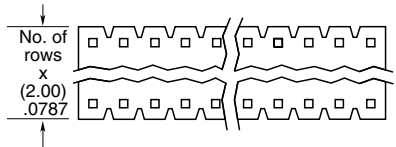
**-EBC**  
= End Shroud  
with Board Lock  
and Locking Clip  
(Boards are  
positively locked  
and cannot be  
unmated)

**-EPC**  
= End Shroud  
with Guide Post  
and Locking Clip  
(Manual  
placement  
required)

| OPTION     | Z           |
|------------|-------------|
| -ES        | (2.92) .115 |
| -EC        | (4.70) .185 |
| -EP & -EPC | (6.10) .240 |
| -EL & -EBC | (4.45) .175 |



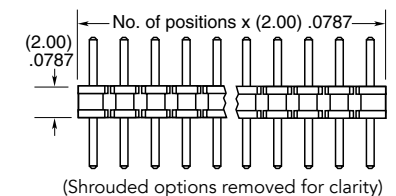
(Shrouded option requires -D)



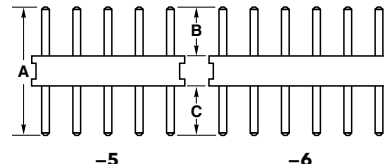
-D

-T

-Q

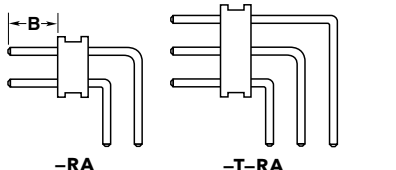


(Shrouded options removed for clarity)



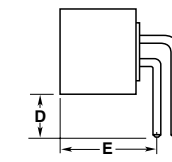
-5

-6

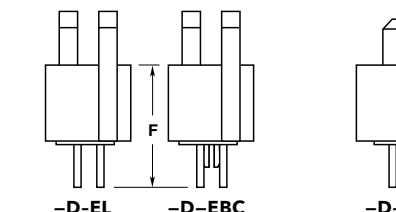


-RA

-T-RA  
(Lead style -01 only)

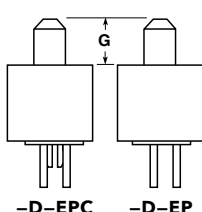


-D-RA-ES  
(-RA also available with  
other flex shroud options)



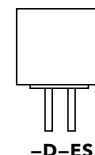
-D-EL

-D-EBC

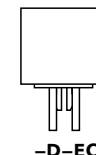


-D-EPC

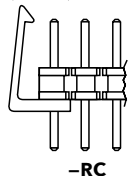
-D-EP



-D-ES



-D-EC



-RC

| LEAD STYLE | A              | B              | C              | D              | E              | F              | G              |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| -01        | (7.67)<br>.302 | (3.20)<br>.126 | (2.46)<br>.097 | (2.34)<br>.092 | (6.60)<br>.260 | (5.84)<br>.230 | (4.45)<br>.175 |
| -04        | (6.45)<br>.254 | (1.91)<br>.075 | (2.57)<br>.101 | (2.62)<br>.103 | (5.26)<br>.207 | (4.50)<br>.177 | (3.02)<br>.119 |
| -05        | (6.45)<br>.254 | (1.65)<br>.065 | (2.29)<br>.090 | (3.12)<br>.123 | (5.26)<br>.207 |                |                |
| -06        | (8.74)<br>.344 | (3.20)<br>.126 | (3.53)<br>.139 | N/A            | N/A            | N/A            | N/A            |