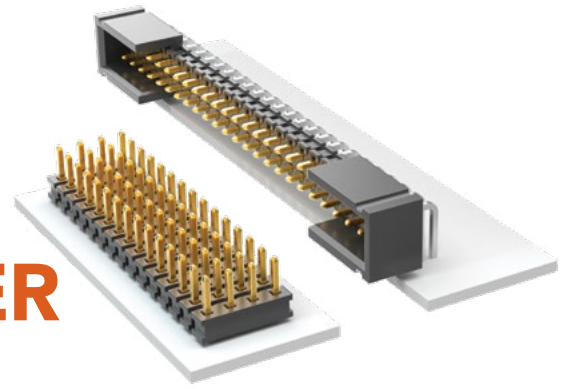


# FLEXIBLE THROUGH-HOLE HEADER



(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 μ" (1.27 μm) Ni

**Current Rating (TMMH/ESQT):**

4.5 A per pin

(2 pins powered)

**Current Rating (TMMH/SQT):**

5.1 A per pin

(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;

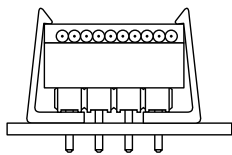
250 VAC mated with SQT

## PROCESSING

### Lead-Free Solderable:

Yes

## APPLICATION



Retention Clip Option (-RC)

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)

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

**-L**  
= 10 μ"  
(0.25 μm)  
Gold on  
post,  
Matte Tin  
on tail

**-T**  
= Triple  
Row

**-Q**  
= Four  
Row

**-T**  
= Matte  
Tin

**-5**  
= Five  
Row

**-6**  
= Six  
Row

**-ES**  
= End Shroud

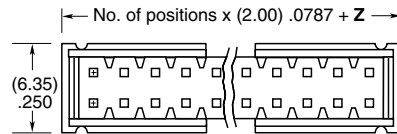
**-EC**  
= End Shroud  
with Locking  
Clip  
(Manual  
placement  
required)

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

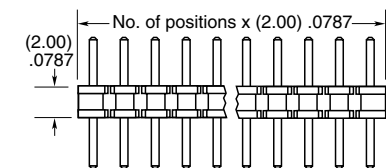
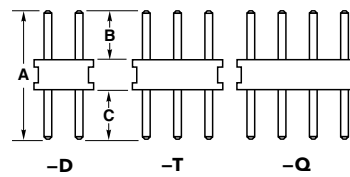
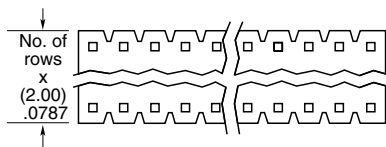
**-EL**  
= End Shroud  
with Board Lock  
(Boards are  
positively locked  
and cannot be  
unmated)

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

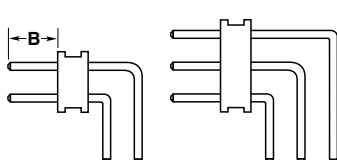
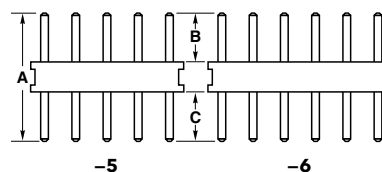
**-EPC**  
= End Shroud  
with Guide Post  
and Locking Clip  
(Manual  
placement  
required)



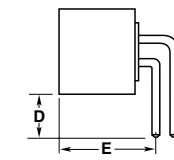
(Shrouded option requires -D)



(Shrouded options removed for clarity)

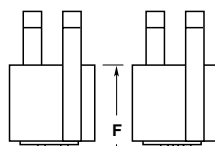


**-RA**  
**-T-RA**  
(Lead style -01 only)

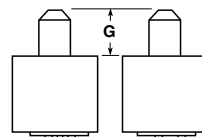


**-D-RA-ES**  
(-RA also available with  
other flex shroud options)

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



**-D-EL**   **-D-EBC**



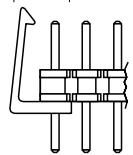
**-D-EPC**   **-D-EP**



**-D-ES**



**-D-EC**



**-RC**



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

# Mouser Electronics

Authorized Distributor

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[TMMH-130-01-F-D-RA](#) [TMMH-103-01-T-D](#) [TMMH-104-01-L-D](#) [TMMH-112-01-F-D](#) [TMMH-110-01-F-D-020](#) [TMMH-](#)  
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[108-01-L-DV-A](#) [TMMH-109-01-S-D](#) [TMMH-104-01-G-D](#) [TMMH-109-01-L-D-EP](#) [TMMH-104-01-F-D-004](#) [TMMH-104-](#)  
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[110-01-G-D](#) [TMMH-105-01-LM-D](#) [TMMH-104-01-TM-D](#) [TMMH-107-01-S-D](#) [TMMH-113-01-L-D-RA](#) [TMMH-115-01-T-](#)  
[D](#) [TMMH-103-01-S-D](#) [TMMH-109-01-G-D-RA](#) [TMMH-102-01-L-D-RA](#) [TMMH-115-01-S-D-RA](#) [TMMH-103-01-L-D-RA](#)  
[TMMH-125-01-L-T](#) [TMMH-112-01-L-D-ES](#) [TMMH-135-01-F-T-RA](#) [TMMH-117-01-G-D-RA](#) [TMMH-118-01-L-D-ES](#)  
[TMMH-130-01-S-D](#) [TMMH-104-01-G-D-RA](#) [TMMH-102-01-G-D](#) [TMMH-113-01-S-D-EBC](#) [TMMH-103-01-S-D-RA](#)  
[TMMH-105-01-L-D-009](#) [TMMH-105-01-S-D](#) [TMMH-120-01-L-D-ES](#) [TMMH-103-01-G-D](#) [TMMH-110-01-L-D-RA](#)  
[TMMH-134-01-L-T](#) [TMMH-110-01-T-D](#) [TMMH-102-01-F-D](#) [TMMH-106-01-S-D-RA](#) [TMMH-115-01-L-D](#) [TMMH-120-01-](#)  
[G-D-RA](#) [TMMH-125-01-L-D](#) [TMMH-108-01-F-D-RA](#) [TMMH-115-01-F-D](#) [TMMH-115-01-F-D-RA](#) [TMMH-114-01-L-D-](#)  
[RA](#) [TMMH-103-01-L-D](#) [TMMH-109-01-S-D-RA](#) [TMMH-116-01-T-D-RA](#) [TMMH-118-01-F-D](#) [TMMH-113-01-G-D](#)  
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