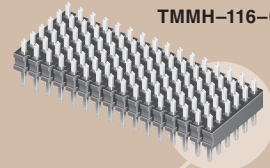


TMMH-125-04-G-D-EP



TMMH-116-04-T-6



# 2mm FLEXIBLE HEADER

## SPECIFICATIONS

For complete specifications see [www.samtec.com?TMMH](http://www.samtec.com?TMMH)

**Insulator Material:**  
Black Liquid Crystal Polymer



**Terminal Material:**  
Phosphor Bronze

**Plating:**  
Sn or Au over 50µ" (1,27µm) Ni

**Operating Temp Range:**  
-55°C to +105°C with Tin;  
-55°C to +125°C with Gold

**Voltage Rating:**  
500 VAC mated with SQW  
**RoHS Compliant:**  
Yes

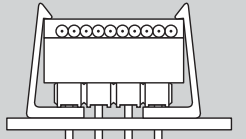
| AMBIENT TEMP | CURRENT RATING |                |
|--------------|----------------|----------------|
|              | Mated with SQT | Mated with CLT |
| 20°C         | 5.5A           | 3.7A           |
| 40°C         | 5A             | 3.3A           |
| 60°C         | 4A             | 2.9A           |
| 80°C         | 3A             | 2.4A           |

**Processing:**  
Max Processing Temp:  
230°C for 60 seconds, or  
260°C for 20 seconds 3x  
**Lead-Free Solderable:**  
Yes

**Mates with:**  
CLT, SQT, SQW, ESQT,  
TLE, SMM, MMS, TCSD



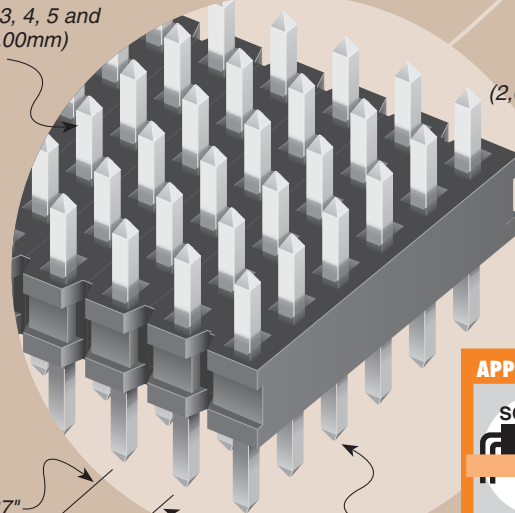
## APPLICATION



Retention Clip Option (-RC)

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

Choice of 2, 3, 4, 5 and 6 rows on (2,00mm) .0787" pitch

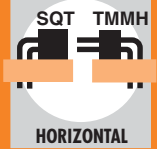


(2,00mm) .0787"

(2,00mm) .0787"

Through-hole

## APPLICATIONS



## TMMH

1

## NO. PINS PER ROW

03 thru 50

## LEAD STYLE

Specify LEAD STYLE from chart

## PLATING OPTION

- F = Gold flash on contact area, Matte Tin on tail
- L = 10µ" (0,25µm) Gold on contact area, Matte Tin on tail
- G = 20µ" (0,51µm) Gold on contact area, Gold flash on tail
- T = Matte Tin
- S = 30µ" (0,76µm) Gold on contact area, Matte Tin on tail

## Also Available

**Press Fit**  
See PTT Series.

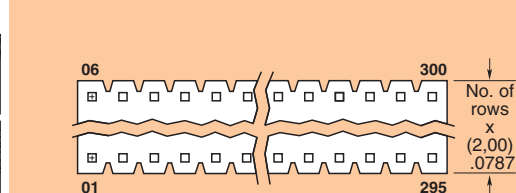
**Surface Mount**  
See previous page.

**Low Profile**  
See TMM Series.

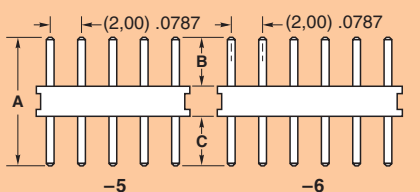
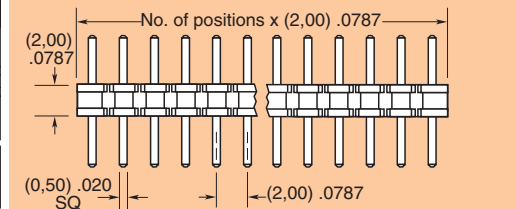
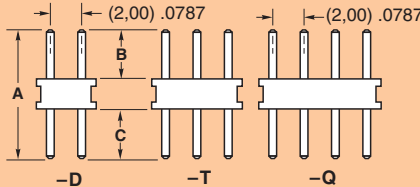
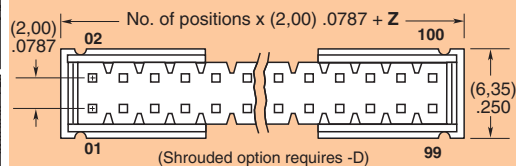
**Right Angle Four Row**  
See TMM Series.

**Shrouded Four Row Vertical & Right Angle**  
See TMMS Series.

Paste In Hole (PIH) processing.  
Contact Samtec ASP Group.

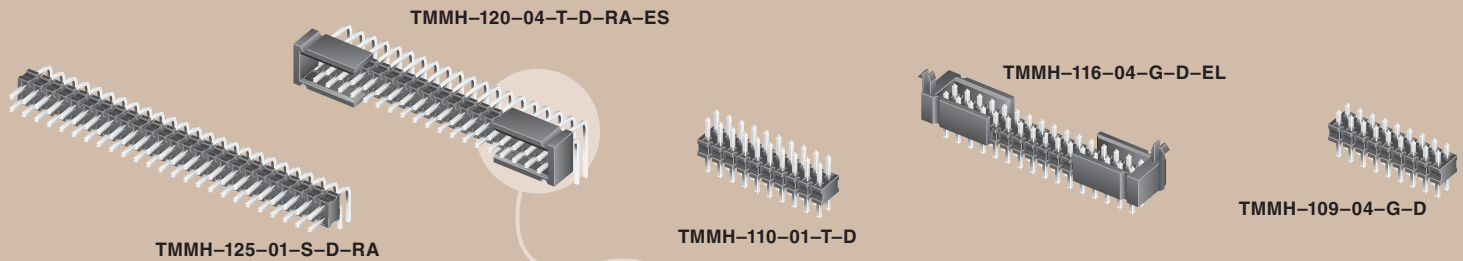


| OPTION     | Z              | LEAD STYLE | A              | B              | C              |
|------------|----------------|------------|----------------|----------------|----------------|
| -ES        | (2,92)<br>.115 | -01        | (7,67)<br>.302 | (3,20)<br>.126 | (2,46)<br>.097 |
| -EC        | (4,70)<br>.185 | -04        | (6,45)<br>.255 | (1,91)<br>.075 | (2,57)<br>.101 |
| -EP & -EPC | (6,10)<br>.240 | -05        | (5,94)<br>.234 | (1,65)<br>.065 | (2,29)<br>.090 |
| -EL & -EBC | (4,45)<br>.175 | -06        | (8,74)<br>.344 | (3,20)<br>.126 | (3,53)<br>.139 |

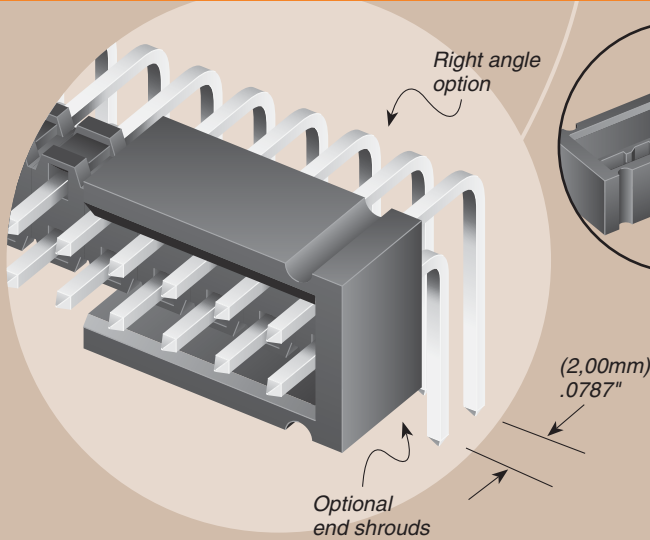


Due to technical progress, all designs, specifications and components are subject to change without notice.

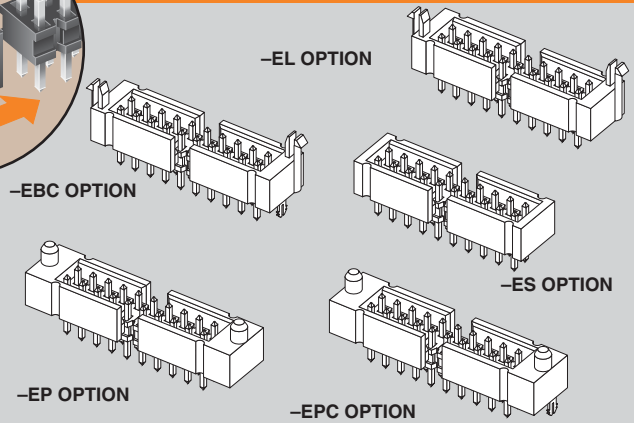
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)



# TMMH SERIES



## FLEX SHROUD OPTIONS

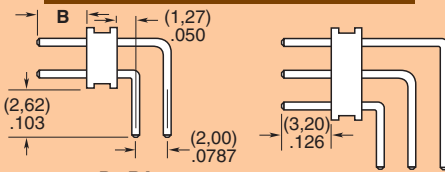


### ROW OPTION

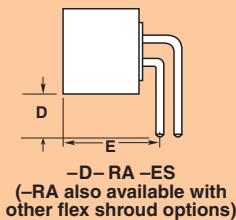
- D**  
= Double Row  
(Required for Flex Shroud option)
- T**  
= Triple Row
- Q**  
= Four Row
- 5**  
= Five Row
- 6**  
= Six Row

### TAIL OPTION

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



| LEAD STYLE | X           | Y           |
|------------|-------------|-------------|
| -01        | (5,84) .230 | (4,45) .175 |
| -04 & -05  | (4,50) .177 | (3,02) .119 |

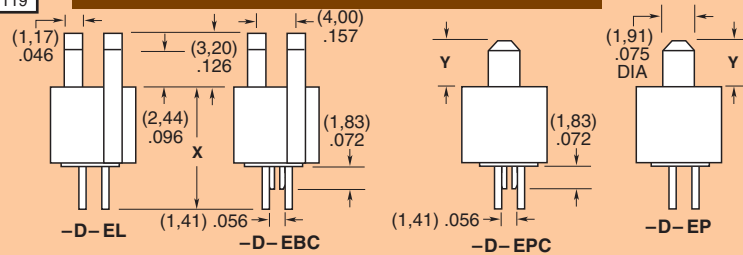


| LEAD STYLE | D           | E           |
|------------|-------------|-------------|
| -01        | (2,34) .092 | (6,60) .260 |
| -04        | (2,62) .103 | (5,26) .207 |
| -05        | (3,12) .123 | (5,26) .207 |

### FLEX SHROUD OPTIONS

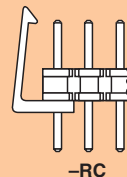
Flex Shroud requires -D row & 9 pins/row minimum  
(For board-to-board interfaces. Will not mate with TCSD)

- ES**  
= End Shroud
- EC**  
= End Shroud with Locking Clip
- 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



### OTHER OPTIONS

- “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)



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