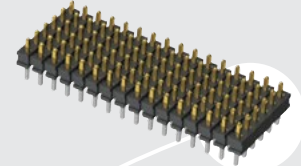


TMMH-125-04-F-D-EP

TMMH-116-04-L-6



(2.00 mm) .0787"

# FLEXIBLE THROUGH-HOLE 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 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  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** Yes

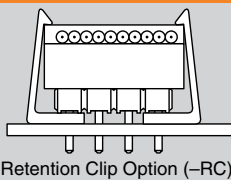
**Board Mates:** CLT, SQT, SQW, ESQT, TLE, SMM, MMS

**Cable Mates:** TCSD

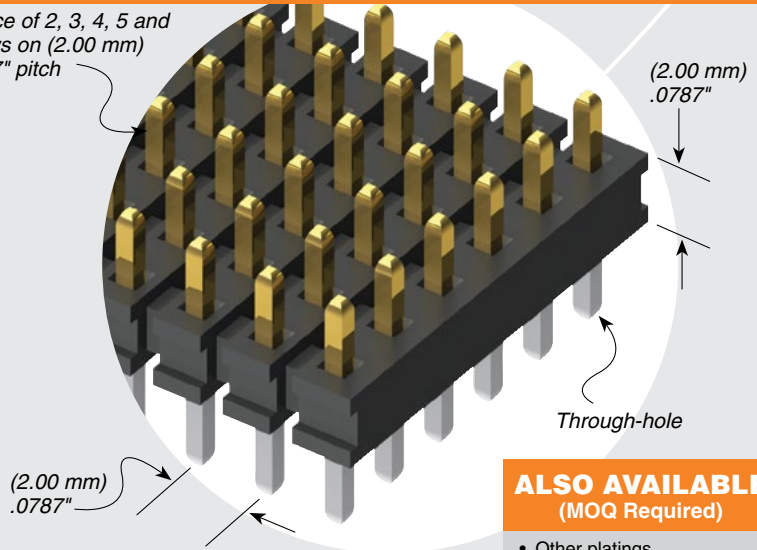


Choice of 2, 3, 4, 5 and 6 rows on (2.00 mm) .0787" pitch

## APPLICATION



Retention Clip Option (-RC)



**ALSO AVAILABLE (MOQ Required)**

- Other platings
- Contact Samtec.

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



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

TMMH

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

03 thru 50

Specify LEAD STYLE from chart

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

## Other Solutions

**Press-fit**  
See PTT Series.

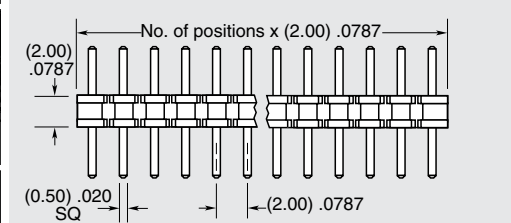
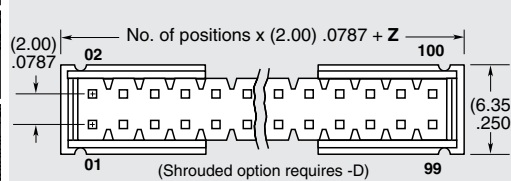
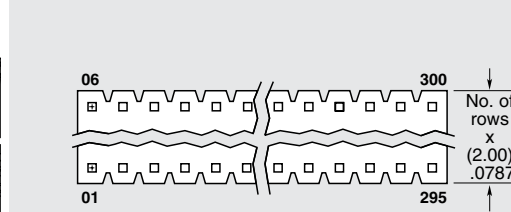
**Surface Mount**  
See previous page.

**Low Profile**  
See TMM Series.

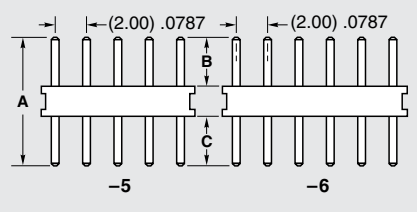
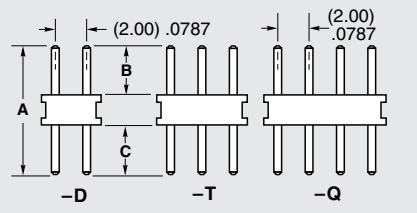
**Right-angle Four Row**  
See TMM Series.

**Shrouded Four Row Vertical & Right-angle**  
See TMMS Series.

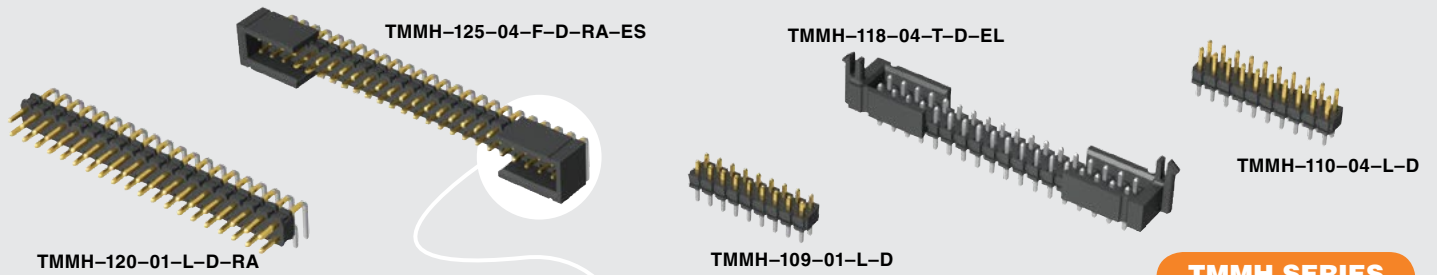
Paste In Hole (PIH) processing. Contact Samtec ASP Group for part customization.



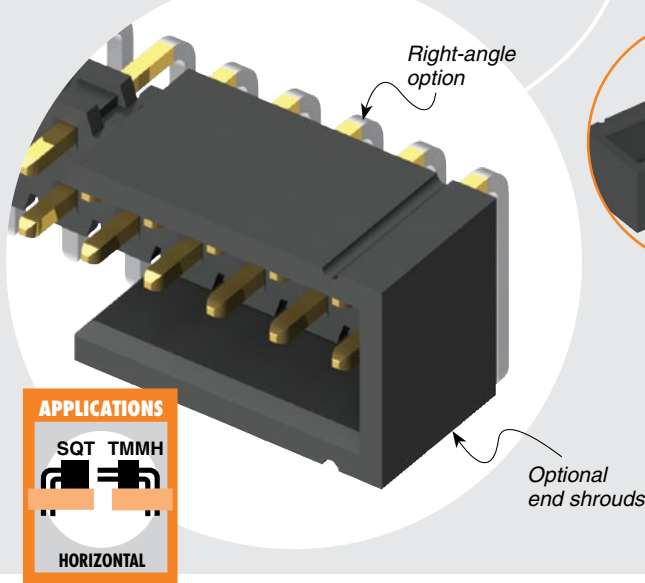
OPTION	Z	LEAD STYLE	A	B	C
-ES	(2.92) .115	-01	(7.67) .302	(3.20) .126	(2.46) .097
-EC	(4.70) .185	-04	(6.45) .254	(1.91) .075	(2.57) .101
-EP & -EPC	(6.10) .240	-05	(5.94) .234	(1.65) .065	(2.29) .090
-EL & -EBC	(4.45) .175	-06	(8.74) .344	(3.20) .126	(3.53) .139



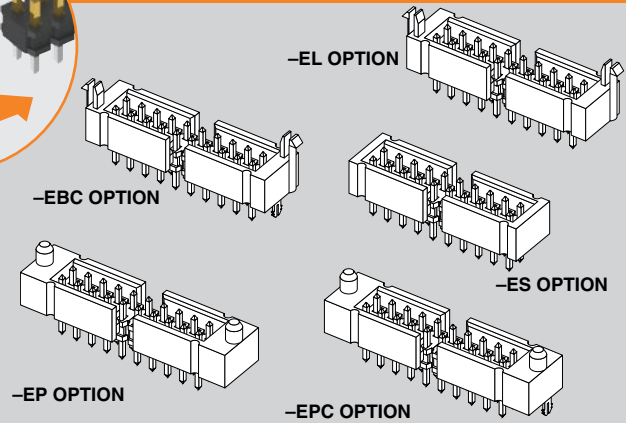
Due to technical progress, all designs, specifications and components are subject to change without notice.



**TMMH SERIES**



**FLEX SHROUD OPTIONS**

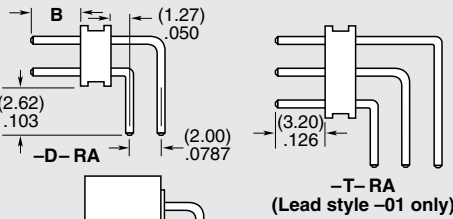


**ROW OPTION**

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

**TAIL OPTION**

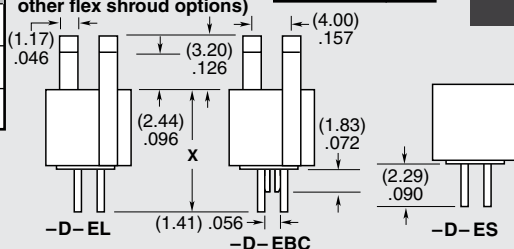
- RA**  
= Right-angle  
(Double & Triple Row only)  
(-ES, -EP, -EL Double Row only)  
(-EC, -EBC and -EPC not available)  
(-06 Lead style not available)



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

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

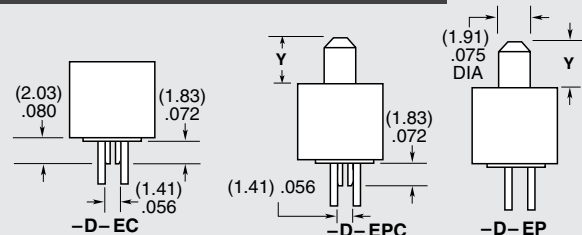
LEAD STYLE	X	Y
-01	(5.84) .230	(4.45) .175
-04 & -05	(4.50) .177	(3.02) .119



**FLEX SHROUD OPTIONS**

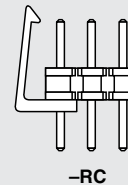
Flex Shroud requires -D row & 9 pins/row minimum  
(For board-to-board interfaces. Will not mate with TCSD)

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



**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)



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