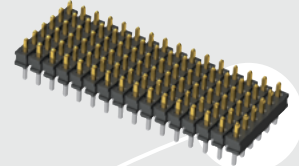


TMMH-125-04-F-D-EP

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)

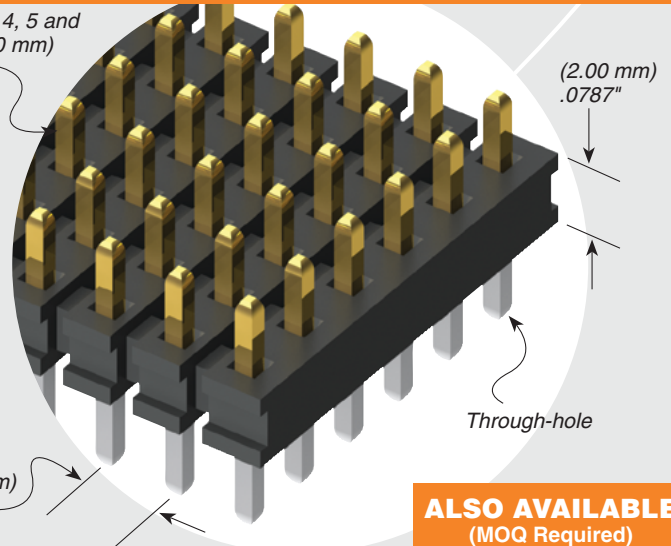
**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50 μ" (1.27 μm) Ni  
**Current Rating (TMMH/ESQT):** 4.5 A per pin (2 pins powered)  
**Current Rating (TMMH/SQT):** 5.1 A per pin (2 pins powered)  
**Operating Temp Range:** -55 °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

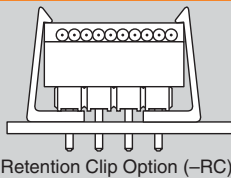
**Cable Mates:** TCSD



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

## 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

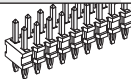
-F = Gold flash on post, Matte Tin on tail

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

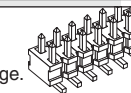
-T = Matte Tin

## Other Solutions

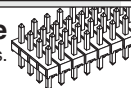
**Press-fit**  
See PTT Series.



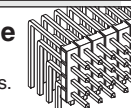
**Surface Mount**  
See previous page.



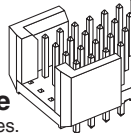
**Low Profile**  
See TMM Series.



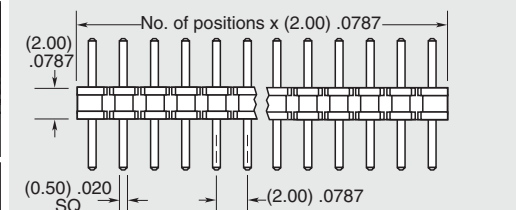
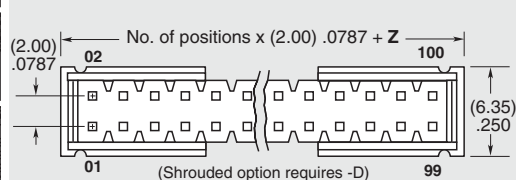
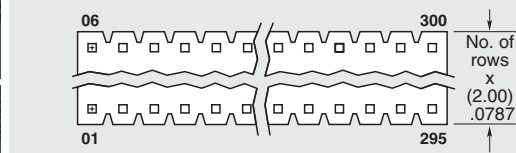
**Right-angle Four Row**  
See TMM Series.



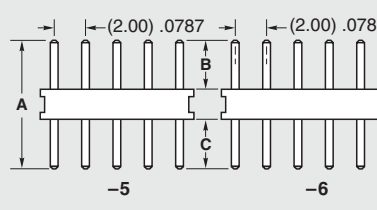
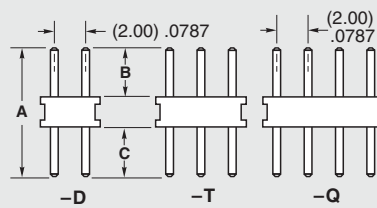
**Shrouded Four Row Vertical & Right-angle**  
See TMMS Series.



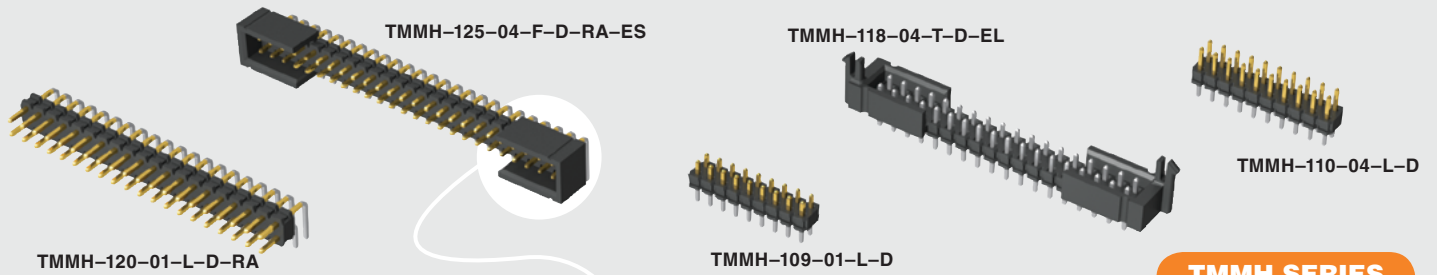
Paste In Hole (PIH) processing. Contact Samtec ASP Group for part customization.



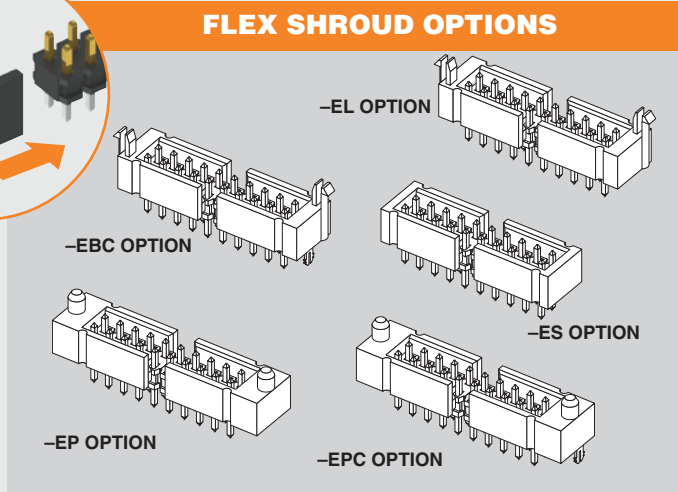
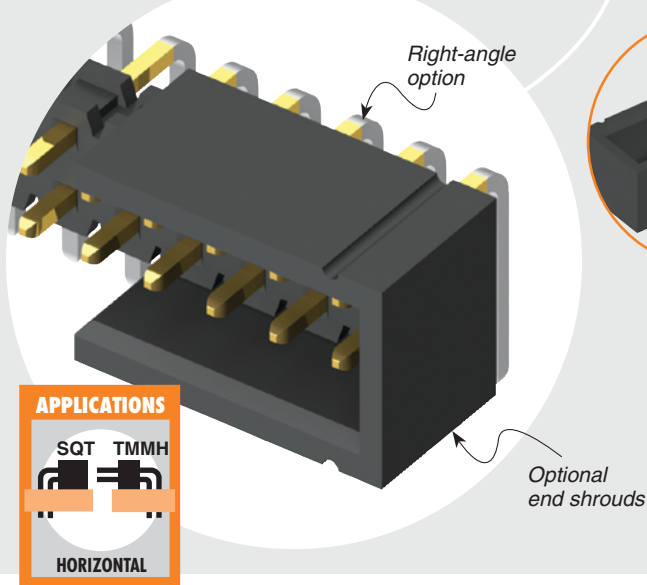
OPTION	Z	LEAD STYLE	A	B	C
-ES	(2.92) .115	-01	(7.67) .302	(3.20) .126	(2.46) .097
-EC	(4.70) .185	-04	(6.45) .254	(1.91) .075	(2.57) .101
-EP & -EPC	(6.10) .240	-05	(5.94) .234	(1.65) .065	(2.29) .090
-EL & -EBC	(4.45) .175	-06	(8.74) .344	(3.20) .126	(3.53) .139



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



**TMMH SERIES**



**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)

**FLEX SHROUD OPTIONS**

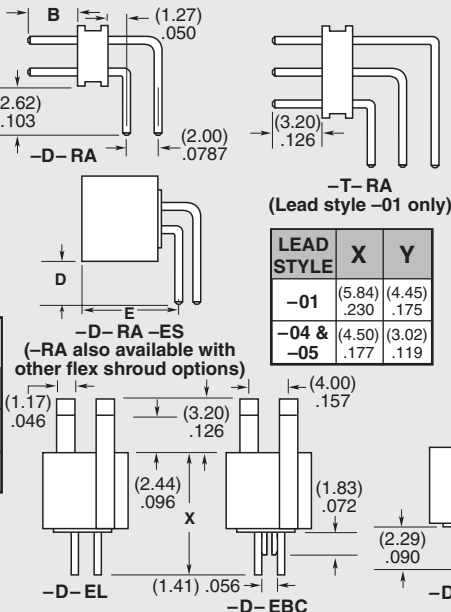
Flex Shroud requires -D row & 9 pins/row minimum (For board-to-board interfaces. Will not mate with TCSD)

- 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)

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



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

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