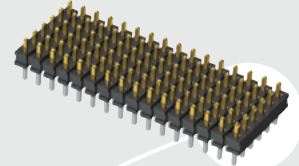


TMMH-125-04-F-D-EP

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)

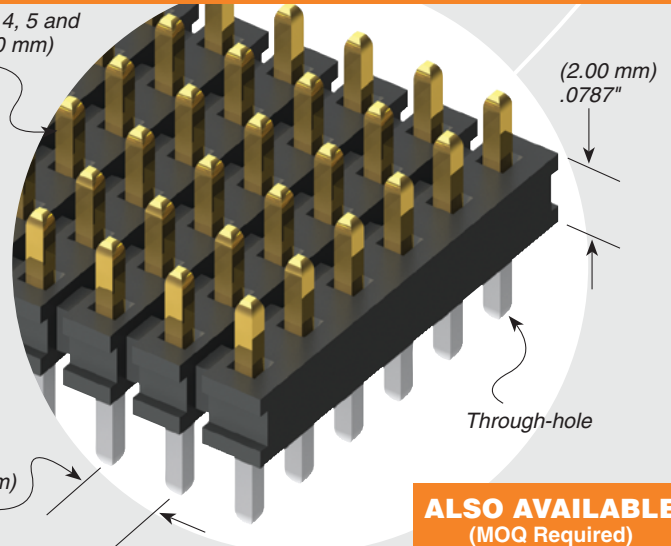
- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Phosphor Bronze
- Plating:** Sn or Au over 50 μ" (1.27 μm) Ni
- Current Rating (TMMH/ESQT):** 4.5 A per pin (2 pins powered)
- Current Rating (TMMH/SQT):** 5.1 A per pin (2 pins powered)
- Operating Temp Range:** -55 °C to +105 °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

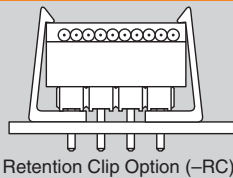
**Cable Mates:**  
TCSD



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



## APPLICATION



**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

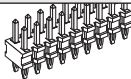
-F = Gold flash on post, Matte Tin on tail

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

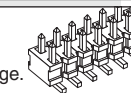
-T = Matte Tin

## Other Solutions

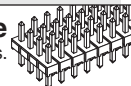
**Press-fit**  
See PTT Series.



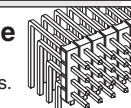
**Surface Mount**  
See previous page.



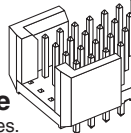
**Low Profile**  
See TMM Series.



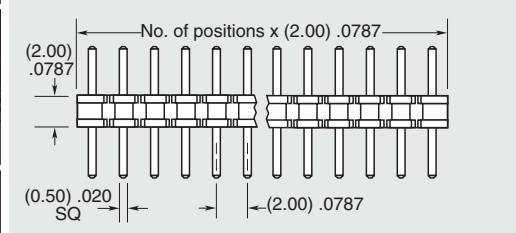
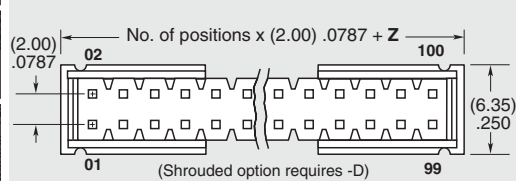
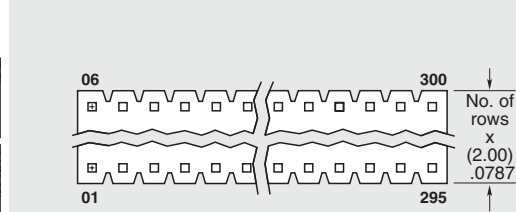
**Right-angle Four Row**  
See TMM Series.



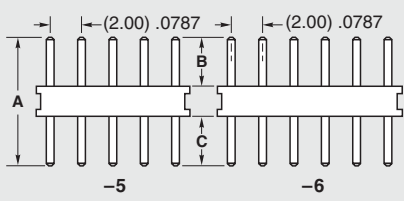
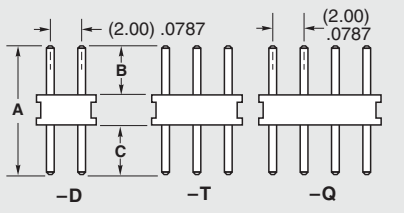
**Shrouded Four Row Vertical & Right-angle**  
See TMMS Series.



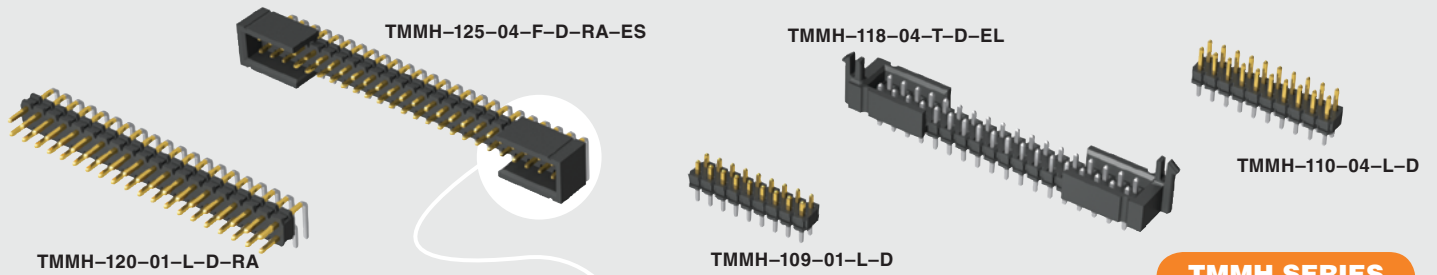
Paste In Hole (PIH) processing. Contact Samtec ASP Group for part customization.



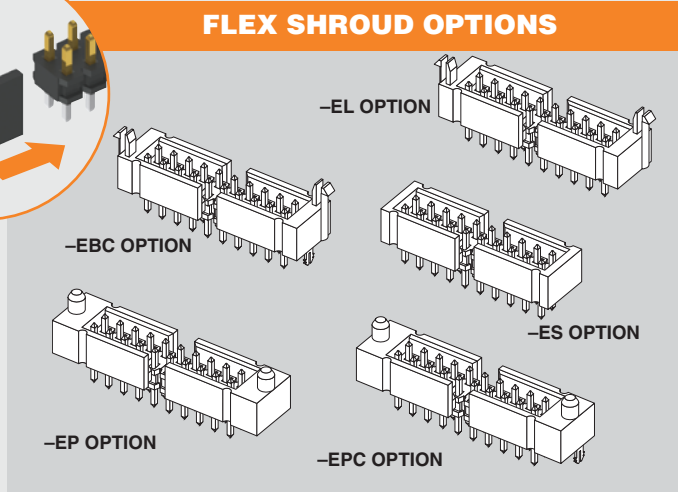
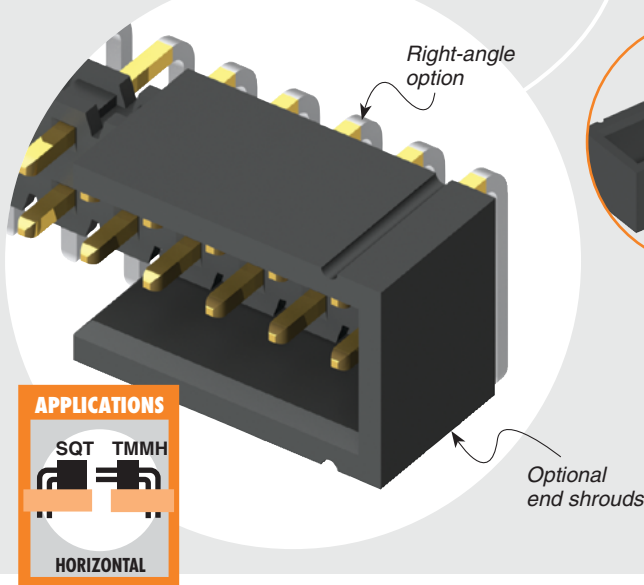
OPTION	Z	LEAD STYLE	A	B	C
-ES	(2.92) .115	-01	(7.67) .302	(3.20) .126	(2.46) .097
-EC	(4.70) .185	-04	(6.45) .254	(1.91) .075	(2.57) .101
-EP & -EPC	(6.10) .240	-05	(5.94) .234	(1.65) .065	(2.29) .090
-EL & -EBC	(4.45) .175	-06	(8.74) .344	(3.20) .126	(3.53) .139



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**

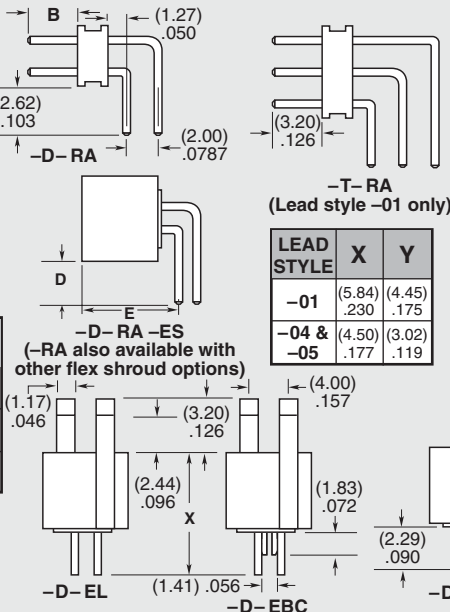
Flex Shroud requires -D row & 9 pins/row minimum (For board-to-board interfaces. Will not mate with TCSD)

- 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.

# Mouser Electronics

Authorized Distributor

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[TMMH-105-01-L-D-004](#) [TMMH-125-05-F-D](#) [TMMH-114-06-G-T](#) [TMMH-123-04-F-5](#) [TMMH-123-01-L-T](#) [TMMH-117-04-T-D](#) [TMMH-114-01-T-T-RA](#) [TMMH-150-05-L-D](#) [TMMH-130-01-T-D-ES](#) [TMMH-125-01-F-6](#) [TMMH-113-01-T-D-RA-ES](#) [TMMH-103-06-L-T](#) [TMMH-135-06-L-D-ES](#) [TMMH-119-01-T-T](#) [TMMH-150-01-S-D-RA-ES](#) [TMMH-105-01-T-Q](#) [TMMH-130-01-G-T](#) [TMMH-111-01-F-6](#) [TMMH-111-01-T-T](#) [TMMH-103-01-T-T-RA](#) [TMMH-108-04-S-D](#) [TMMH-140-06-S-T](#) [TMMH-109-04-F-D-RA](#) [TMMH-104-04-G-D](#) [TMMH-106-04-G-D](#) [TMMH-112-06-L-T](#) [TMMH-150-01-S-T-RA](#) [TMMH-132-01-F-T-RA](#) [TMMH-130-01-F-D-RA-ES](#) [TMMH-108-05-G-D](#) [TMMH-111-01-G-D-ES](#) [TMMH-109-06-G-D](#) [TMMH-117-01-L-D-RA-ES](#) [TMMH-148-01-F-T-RA](#) [TMMH-130-04-S-D-EP](#) [TMMH-116-01-G-T](#) [TMMH-116-01-F-T](#) [TMMH-140-06-L-D-ES](#) [TMMH-105-04-G-D](#) [TMMH-147-01-S-T-RA](#) [TMMH-108-06-F-D](#) [TMMH-132-06-S-T](#) [TMMH-115-01-T-D-RA-ES](#) [TMMH-140-04-L-D-EPC](#) [TMMH-113-04-S-D-ES](#) [TMMH-122-04-G-D](#) [TMMH-109-01-S-D-ES](#) [TMMH-130-01-G-Q](#) [TMMH-114-01-L-T-RA](#) [TMMH-105-04-L-D-RA](#) [TMMH-127-01-F-D-RA-ES](#) [TMMH-112-01-L-T-RA](#) [TMMH-109-05-L-T](#) [TMMH-134-06-L-D](#) [TMMH-131-01-G-T-RA](#) [TMMH-106-04-SM-D-RA](#) [TMMH-111-01-S-D-RA-ES](#) [TMMH-150-01-L-D-RA-ES](#) [TMMH-113-01-T-D-FE](#) [TMMH-118-01-S-T-RA](#) [TMMH-118-01-G-Q](#) [TMMH-145-01-F-T-RA](#) [TMMH-130-01-F-5](#) [TMMH-114-04-T-T](#) [TMMH-121-01-G-T-RA](#) [TMMH-112-05-F-D](#) [TMMH-125-01-G-6](#) [TMMH-122-01-S-D-RA-ES](#) [TMMH-150-01-G-D](#) [TMMH-124-01-T-D-RA-ES](#) [TMMH-105-05-G-D](#) [TMMH-110-04-T-D](#) [TMMH-116-05-L-D-ES](#) [TMMH-150-04-L-D](#) [TMMH-109-05-G-D](#) [TMMH-110-05-T-D-RA](#) [TMMH-123-04-G-D](#) [TMMH-120-04-T-D-RA-ES](#) [TMMH-122-01-F-T](#) [TMMH-116-05-G-D](#) [TMMH-117-01-G-D-ES](#) [TMMH-113-01-S-T](#) [TMMH-110-01-L-D-RA-ES](#) [TMMH-113-06-T-D](#) [TMMH-123-01-F-D-RA-ES](#) [TMMH-112-01-G-D-RA-ES](#) [TMMH-120-01-F-D-RA-ES](#) [TMMH-111-01-G-5](#) [TMMH-102-04-S-D](#) [TMMH-145-01-L-6](#) [TMMH-116-01-G-D-RA-EP](#) [TMMH-140-01-T-T-RA](#) [TMMH-105-01-G-Q](#) [TMMH-150-01-G-Q](#) [TMMH-105-05-L-D](#) [TMMH-132-06-S-6](#)