



(2,00 mm) .0787"

TMMH-125-04-L-DV-EP

TMMH-135-04-F-DV-LC

# FLEXIBLE SMT HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts 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" (1,27 µm) Ni  
**Current Rating (TMMH/ESQT):**  
4.5 A per pin  
(1 pin powered per row)  
**Current Rating (TMMH/SQT):**  
5.1 A per pin  
(1 pin powered per row)  
**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

**Processing:**  
**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
(0,10 mm) .004" max

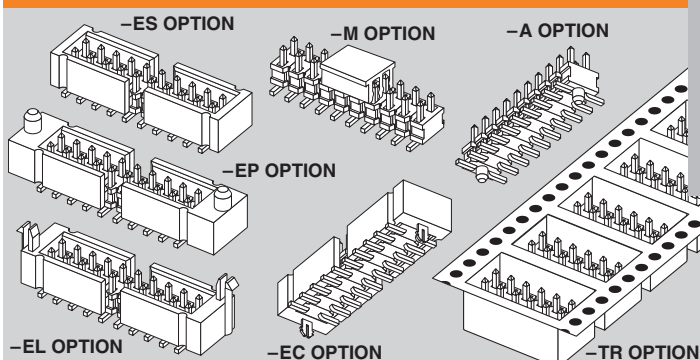
## RECOGNITIONS

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

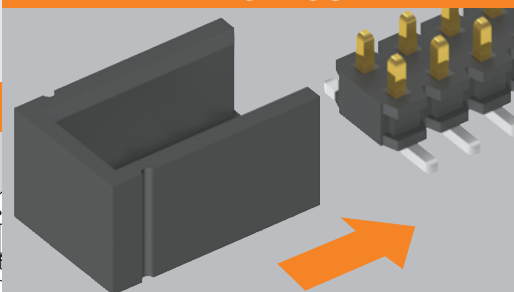


**Mates with:**  
CLT, SQT, SQW, ESQT,  
TLE, SMM, MMS, TCSD

## OPTIONS

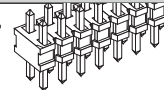


## FLEX SHROUD



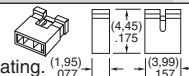
## OTHER SOLUTIONS

**Through-Hole**



## 2 mm Shunt

Specify 2SN-BK-G for  
2 mm shunt with Gold plating.



TMMH

1

NO. PINS  
PER ROWLEAD  
STYLEPLATING  
OPTION

03 thru 50

Specify  
LEAD STYLE  
from chart

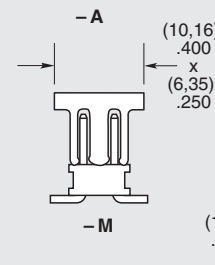
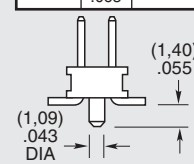
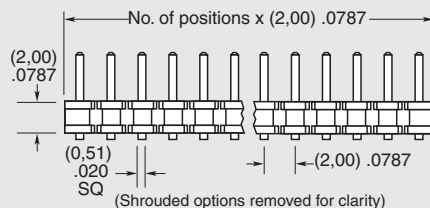
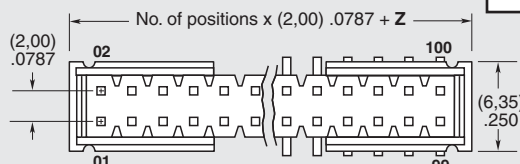
**-F**  
= Gold flash  
on post,  
Matte Tin on tail

**-L**  
= 10µ" (0,25 µm)  
Gold on post,  
Matte Tin on tail

**-T**  
= Matte Tin

| OPTION     | Z              |
|------------|----------------|
| -ES        | (2,92)<br>.115 |
| -EC        | (4,70)<br>.185 |
| -EP & -EPC | (6,10)<br>.240 |
| -EL & -EBC | (4,45)<br>.175 |

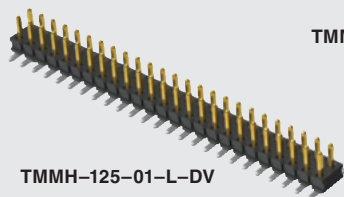
| LEAD<br>STYLE | A              | MATES<br>WITH                                |
|---------------|----------------|----------------------------------------------|
| -01           | (3,20)<br>.126 | SQT, SQW,<br>ESQT, TLE,<br>SMM, MMS,<br>TCSD |
| -04           | (1,91)<br>.075 | CLT                                          |
| -05           | (1,65)<br>.065 |                                              |



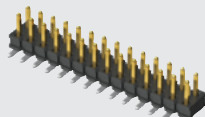
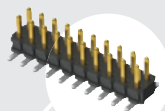
## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

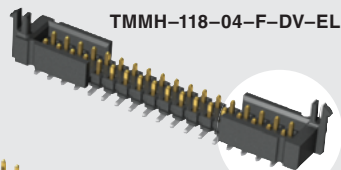
**Note:**  
Some lengths, styles and  
options are non-standard,  
non-returnable.



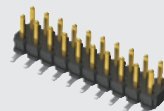
TMMH-110-01-F-DV-A



TMMH-114-04-L-DV

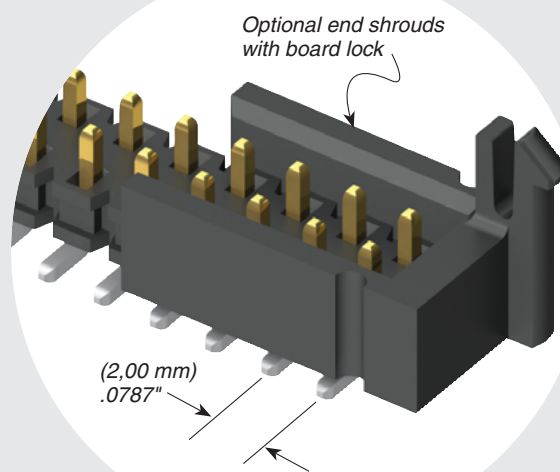
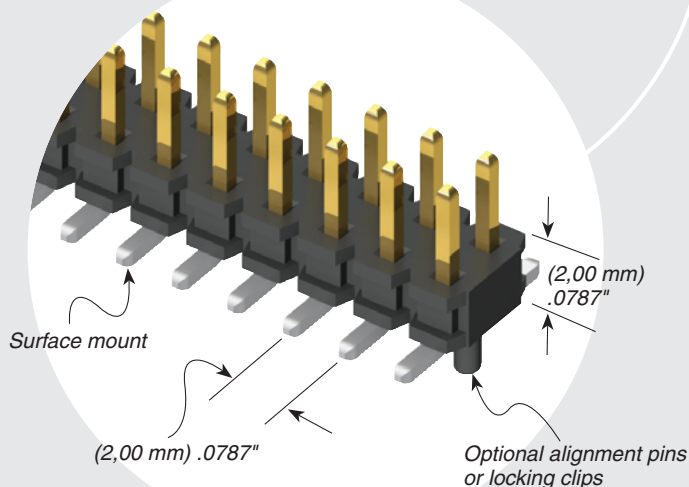


TMMH-118-04-F-DV-EL



TMMH-110-01-F-DV

## TMMH SERIES



## DV

## FLEX SHROUD OPTIONS

## OTHER OPTIONS

All Flex Shroud options require 9 pins/row minimum  
(For board-to-board interfaces. Will not mate with TCSD)

### -ES

= End Shroud  
(For best cost also see TSH Series)

### -EC

= End Shroud with Locking Clip  
(For best cost also see TSH Series)  
(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)

### -“XXX”

= Polarized Position. Specify position of omitted pin

### -A

= Alignment Pin  
(3 positions minimum)  
(Not available with -LC)

### -LC

= Locking Clip  
(5 positions minimum)  
(Not available with -A)  
(Manual placement required)

### -M

= Pick & Place Pad  
(5 positions minimum)

### -TR

= Tape & Reel Packaging  
(36 positions maximum)  
(Flex Shroud options not available  
except -ES, -EP & -EL)

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

