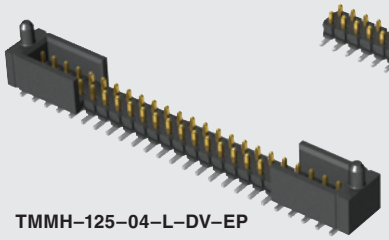
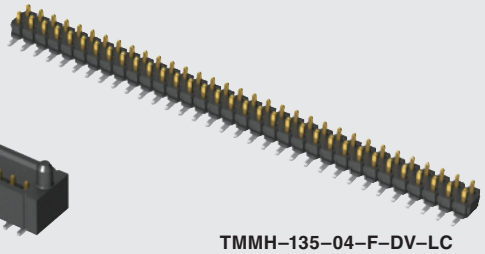
samtec

E.L.P.™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum mated cycles


TMMH–125–04–L–DV–EP


TMMH–135–04–F–DV–LC

**(2,00 mm) .0787"**

# FLEXIBLE SMT HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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

FILE NO. E111594

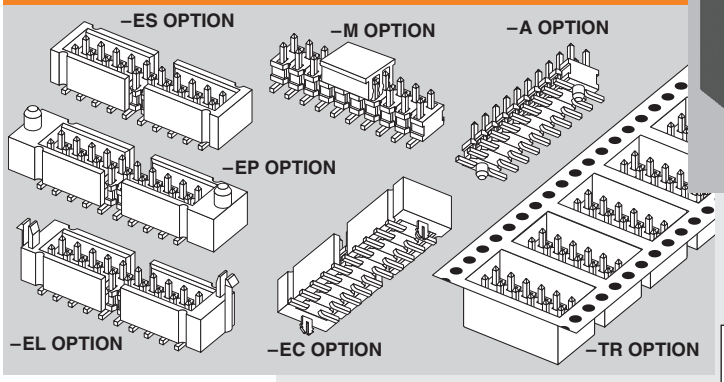
## ALSO AVAILABLE
(MOQ Required)

- Other platings
  Contact Samtec.

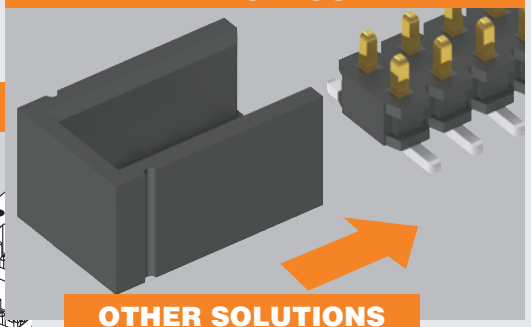
**Note:**
Some lengths, styles and options are non-standard, non-returnable.

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

## OPTIONS

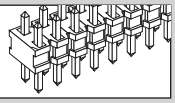



## FLEX SHROUD

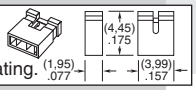


## OTHER SOLUTIONS

**Through-Hole**



**2 mm Shunt**
Specify **2SN–BK–G** for 2 mm shunt with Gold plating.




| TMMH | – | 1 | NO. PINS PER ROW | – | LEAD STYLE | – | PLATING OPTION | – |
|---|---|---|---|---|---|---|---|---|

**03 thru 50**

**Specify LEAD STYLE from chart**

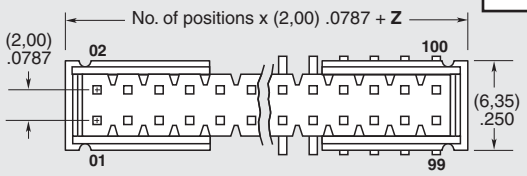
**–F**
= Gold flash on post, Matte Tin on tail

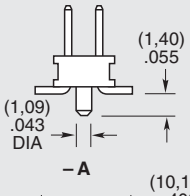
**–L**
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

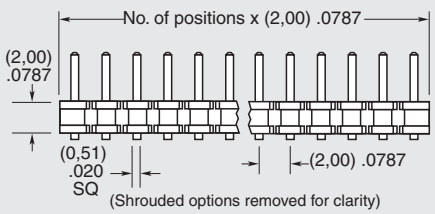
**–T**
= Matte Tin

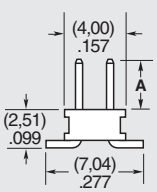
| OPTION | Z |
|---|---|
| –ES | (2,92) .115 |
| –EC | (4,70) .185 |
| –EP & –EPC | (6,10) .240 |
| –EL & –EBC | (4,45) .175 |

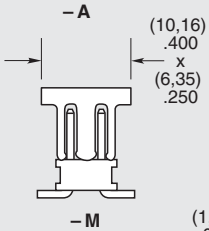
| LEAD STYLE | A | MATES WITH |
|---|---|---|
| –01 | (3,20) .126 | SQT, SQW, ESQT, TLE, SMM, MMS, TCSD |
| –04 | (1,91) .075 | CLT |
| –05 | (1,65) .065 | |

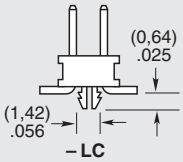


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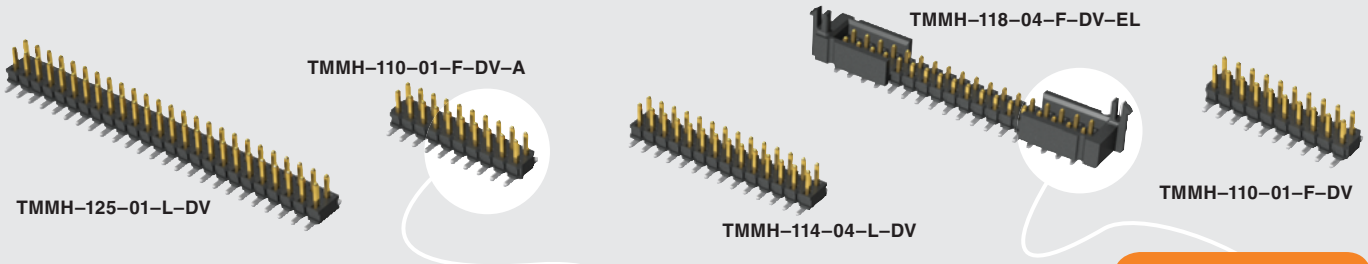
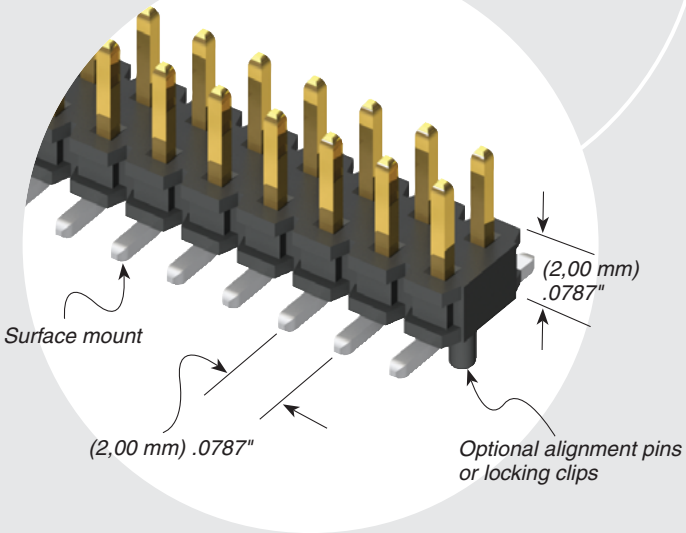
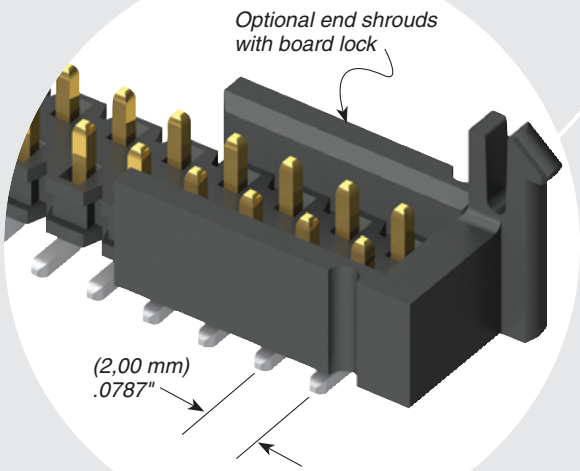


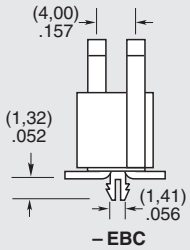

# TMMH SERIES



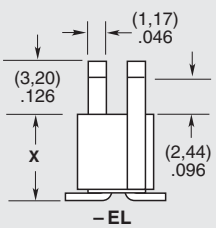




## DV

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




– EBC




– EL

## FLEX SHROUD 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)

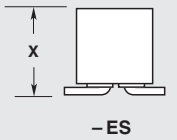
**–EC**
= End Shroud with Locking Clip
(For best cost also see TSH Series)
(Manual placement required)

**–EP**
= End Shroud with Guide Post

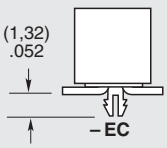
**–EL**
= End Shroud with Board Lock
(Boards are positively locked and cannot be unmated)

**–EBC**
= End Shroud with Board Lock and Locking Clip
(Boards are positively locked and cannot be unmated)

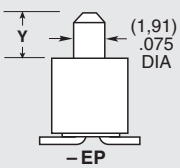
**–EPC**
= End Shroud with Guide Post and Locking Clip
(Manual placement required)



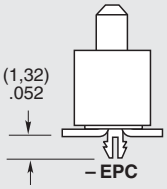

– ES




– EC




– EP




– EPC

## OTHER OPTIONS

**–"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)

**TAPE & REEL AVAILABILITY**

No tooling charges.
Minimum order is the lesser of a full reel quantity or 125 pieces.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.

Call Samtec for specifications and ordering information.



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