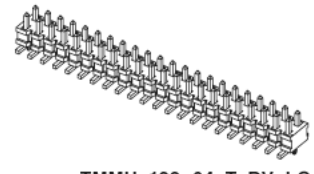


TMMH-125-04-G-DV-EP



TMMH-122-04-T-DV-LC

Surface  
**SMT**  
Mount

# 2mm FLEX SHROUD HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com/TMMH](http://www.samtec.com/TMMH)

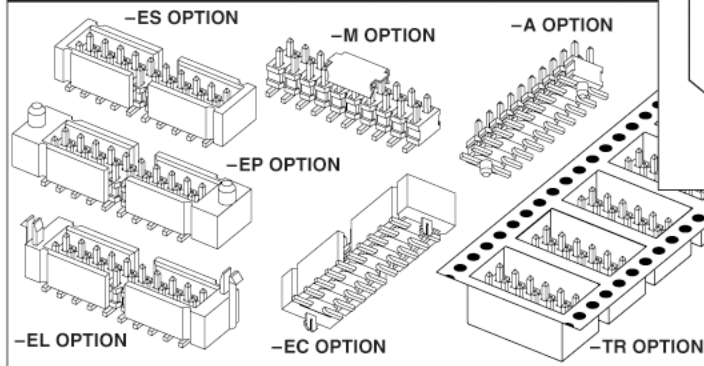
**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Sn or Au over 50µ" (1,27µm) Ni  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold  
**Voltage Rating:** 500 VAC mated with SQW  
**RoHS Compliant:** Yes



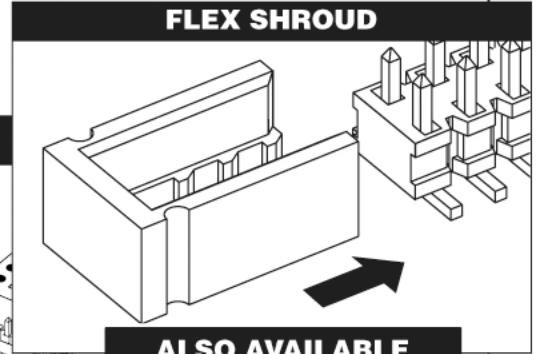
**Processing:**  
**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max

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

## OPTIONS

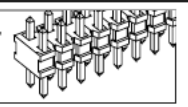


## FLEX SHROUD



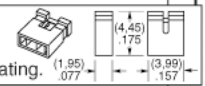
## ALSO AVAILABLE

Through-Hole



**2mm Shunt**

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



CURRENT RATING		
AMBIENT TEMP	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

**TMMH**

**1**

**NO. PINS PER ROW**

**LEAD STYLE**

**PLATING OPTION**

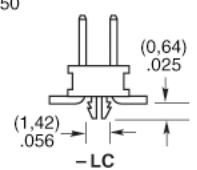
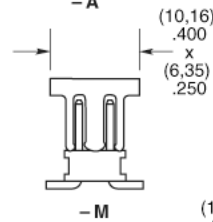
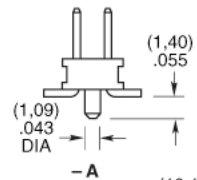
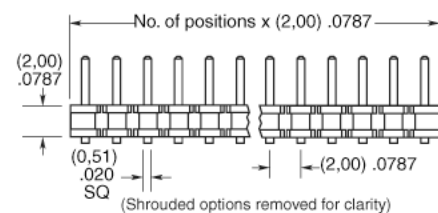
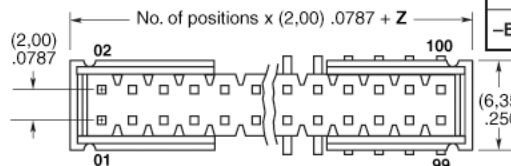
**03 thru 50**

Specify LEAD STYLE from chart

- F** = Gold flash on post, Matte Tin on tail
- L** = 10µ" (0,25µm) Gold on post, Matte Tin on tail
- G** = 20µ" (0,51µm) Gold on post Gold flash on tail
- T** = Matte Tin
- S** = 30µ" (0,76µm) Gold on post, Matte Tin on tail

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

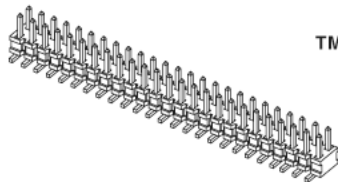
LEAD STYLE	A	MATES WITH
-01	(3,20) .126	SQT, SQW, ESQT, TLE, SMM, MMS, TCSD
-04	(1,91) .075	
-05	(1,65) .065	CLT



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

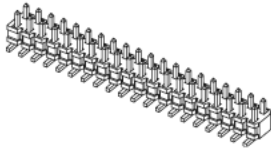
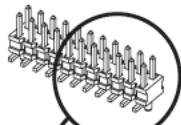
*Due to technical progress, all designs, specifications and components are subject to change without notice.*

**WWW.SAMTEC.COM**



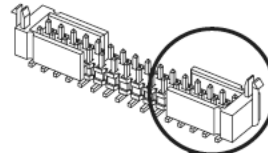
TMMH-125-01-S-DV

TMMH-110-01-T-DV-A



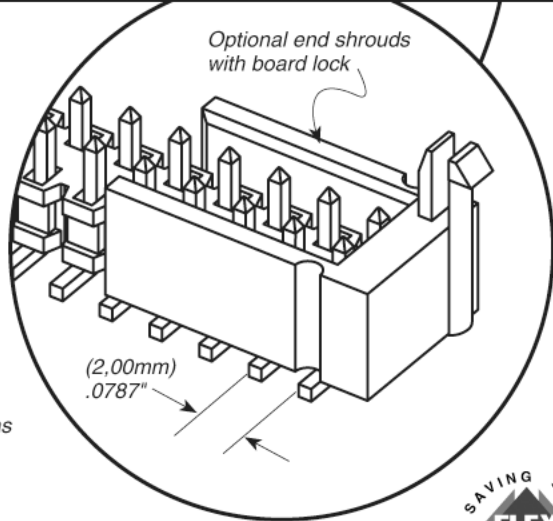
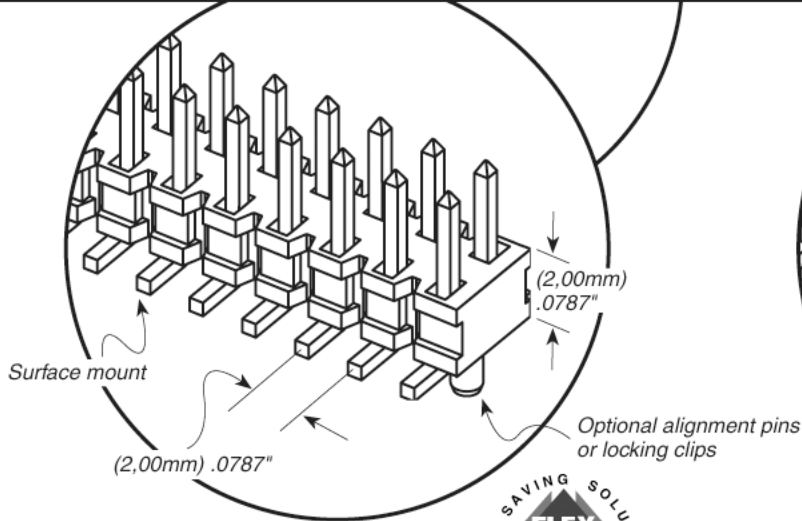
TMMH-120-04-T-DV

TMMH-116-04-G-DV-EL



TMMH-110-04-G-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)

**-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

**-“XXX”**

= Polarized Position  
Specify position of omitted pin

**-A**

= Alignment Pin  
(3 positions minimum)

**-LC**

= Locking Clip  
(10 positions minimum)

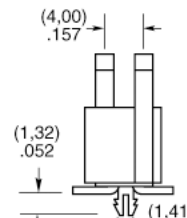
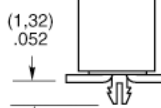
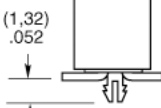
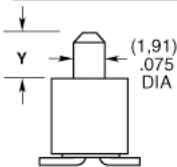
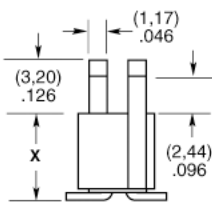
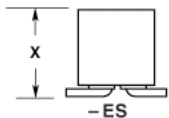
**-M**

= Pick & Place Pad  
(5 positions minimum)

**-TR**

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

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



### TAPE & REEL AVAILABILITY

No tooling charges.  
125 piece minimum order.  
Order any quantity above minimum.  
In-house design, manufacture.  
Quick turn-around.

Call Samtec for specifications  
and ordering information.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)