

2mm FLEXIBLE HEADER

SPECIFICATIONS

For complete specifications see 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

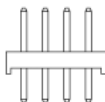
CURRENT RATING		
AMBIENT TEMP	Mated with	
	SQT	CLT
20°C	5.5A	3.7A
40°C	5A	3.3A
60°C	4A	2.9A
80°C	3A	2.4A

Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes

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

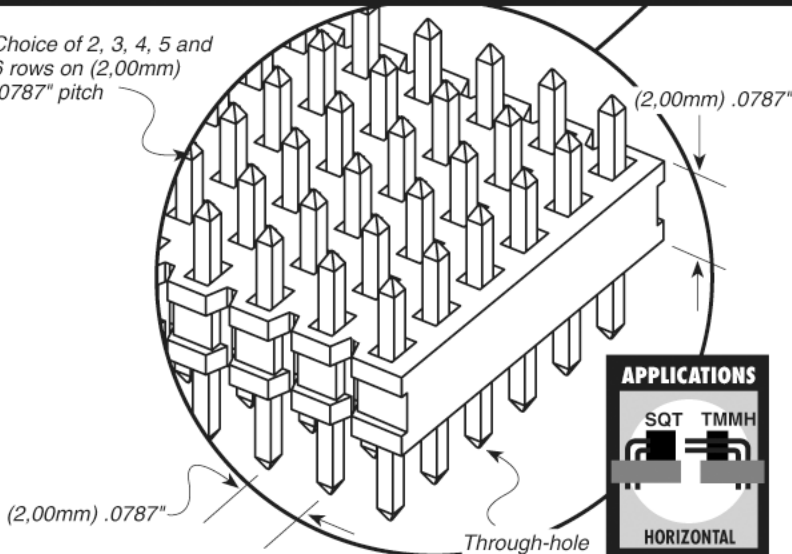
ALSO AVAILABLE



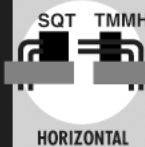
Paste In Hole (PIH) processing.
Contact Samtec ASP Group.

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

Choice of 2, 3, 4, 5 and 6 rows on (2,00mm) .0787" pitch



APPLICATIONS



TMMH

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

03 thru 50

Specify LEAD STYLE from chart

-F
= Gold flash on contact area, Matte Tin on tail

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

-G
= 20µ" (0,51µm) Gold on contact area, Gold flash on tail

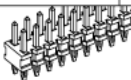
-T
= Matte Tin

-S
= 30µ" (0,76µm) Gold on contact area, Matte Tin on tail

Also Available

Press Fit

See PTT Series.



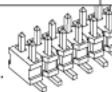
2mm Shunt

See 2SN Series.



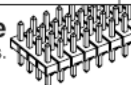
Surface Mount

See previous page.



Low Profile

See TMM Series.



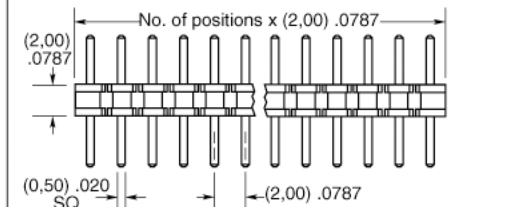
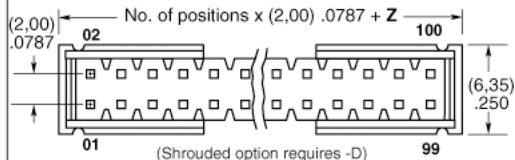
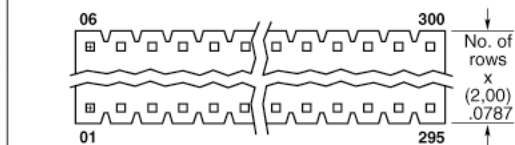
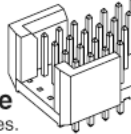
Right Angle Four Row

See TMM Series.

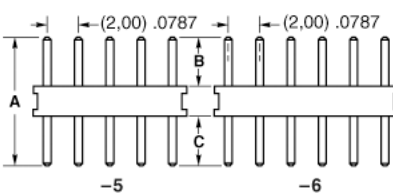
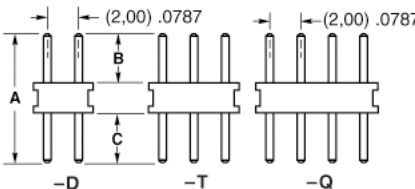


Shrouded Four Row Vertical & Right Angle

See TMMS Series.

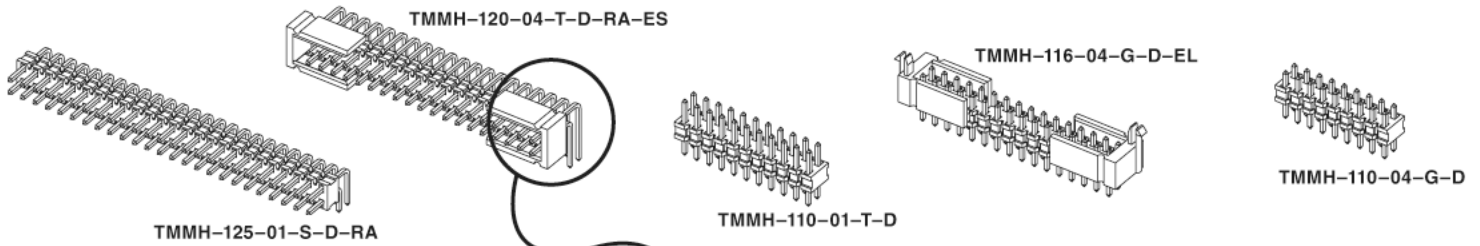


OPTION	Z	LEAD STYLE		
		A	B	C
-ES	(2,92) .115	(7,67) .302	(3,20) .126	(2,46) .097
-EC	(4,70) .185	(6,45) .255	(1,91) .075	(2,57) .101
-EP & -EPC	(6,10) .240	(5,94) .234	(1,65) .065	(2,29) .090
-EL & -EBC	(4,45) .175			

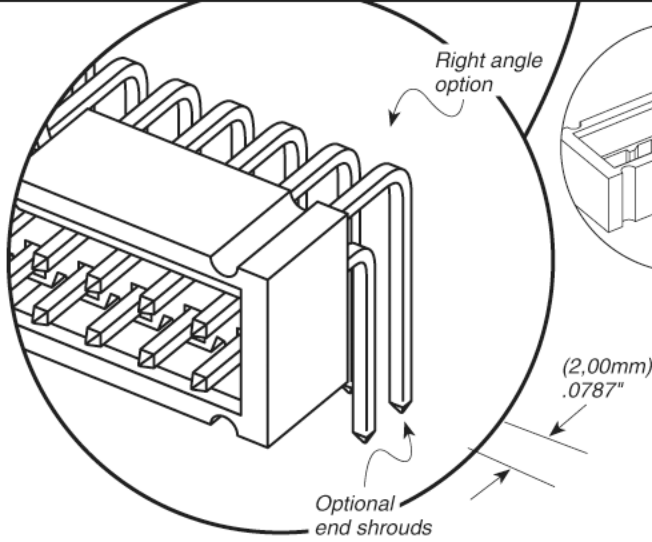


Due to technical progress, all designs, specifications and components are subject to change without notice.

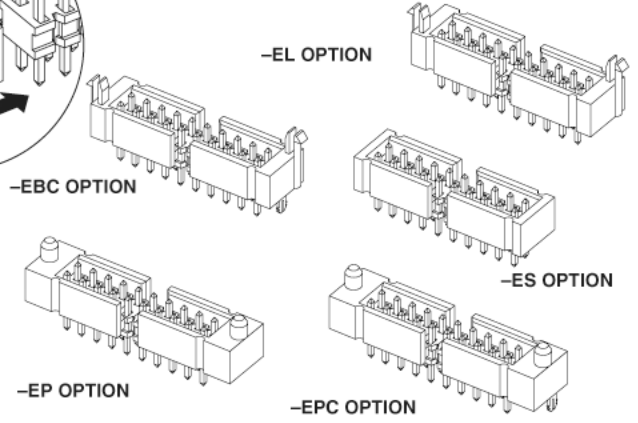
WWW.SAMTEC.COM



TMMH SERIES



FLEX SHROUD OPTIONS

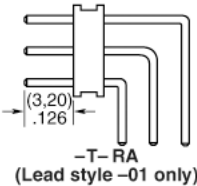
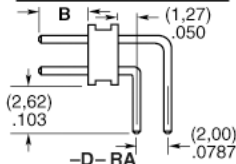


ROW OPTION

- 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)



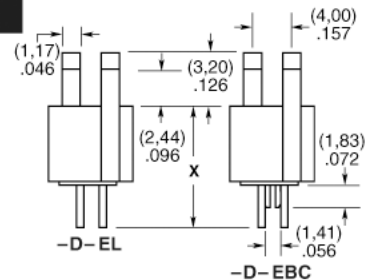
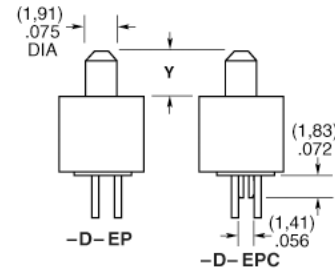
FLEX SHROUD LOCK OPTIONS

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

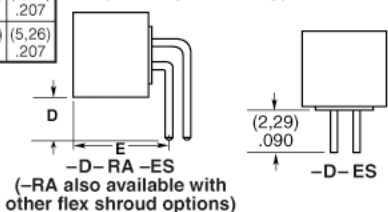
- ES**
= End Shroud
- EC**
= End Shroud with Locking Clip
- EP**
= End Shroud with Guide Post
- EL**
= End Shroud with Board Lock
(Boards are positively locked and cannot be unmated)
- EBC**
= End Shroud with Board Lock and Locking Clip
(Boards are positively locked and cannot be unmated)
- EPC**
= End Shroud with Guide Post and Locking Clip

OTHER OPTIONS

- “XXX”**
= Polarized Position
Specify position of omitted pin



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



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

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