

(2.00 mm) .0787"

TMMH-116-04-L-6

TMMH-125-04-F-D-EP

FLEXIBLE THROUGH-HOLE 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

50 μ " (1.27 μ m) 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:

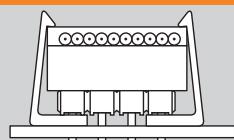
CLT, SQT, SQW, ESQT,
TLE, SMM, MMS

Cable Mates:

TCSD



APPLICATION



Retention Clip Option (-RC)

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

(2.00 mm)
.0787"

(2.00 mm)
.0787"

Through-hole

ALSO AVAILABLE
(MOQ Required)

• Other platings

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

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

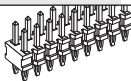
-F
= Gold flash
on post,
Matte Tin on tail

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

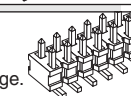
-T
= Matte Tin

Other Solutions

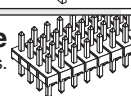
Press-fit
See PTT Series.



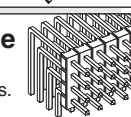
Surface Mount
See previous page.



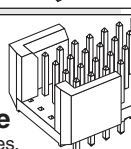
Low Profile
See TMM Series.



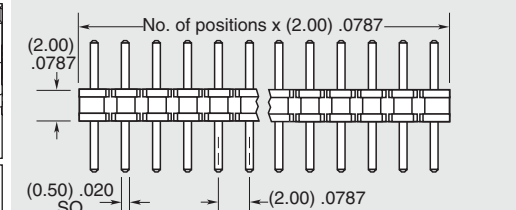
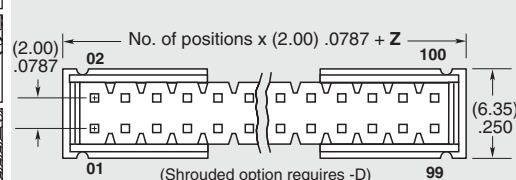
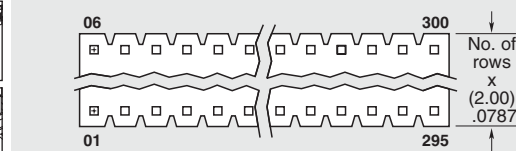
Right-angle Four Row
See TMM Series.



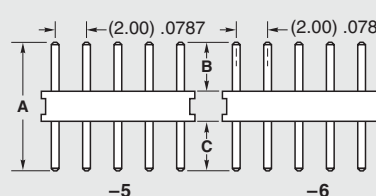
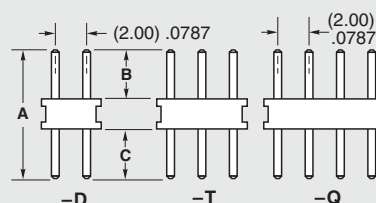
Shrouded Four Row Vertical & Right-angle
See TMMS Series.



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

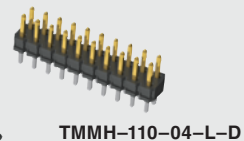
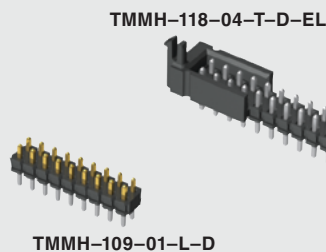
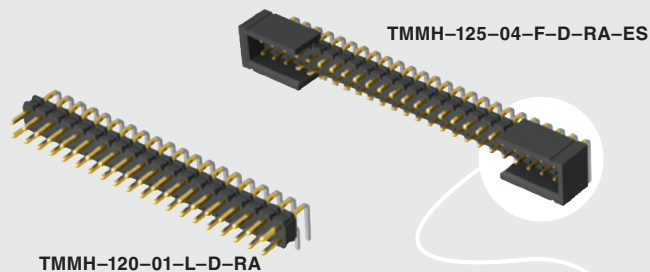


Due to technical progress, all designs, specifications and components are subject to change without notice.

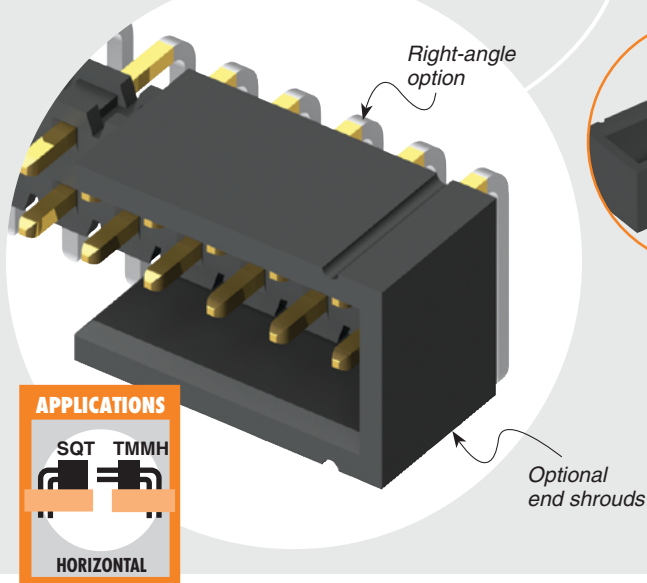
WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

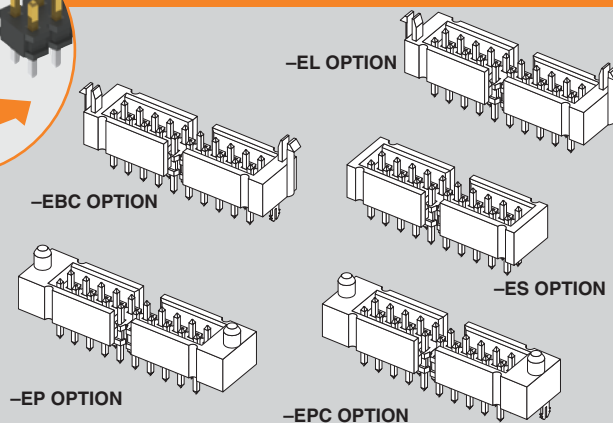
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



TMMH SERIES



FLEX SHROUD OPTIONS

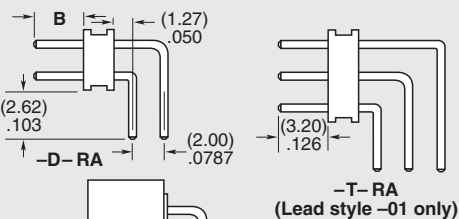


ROW OPTION

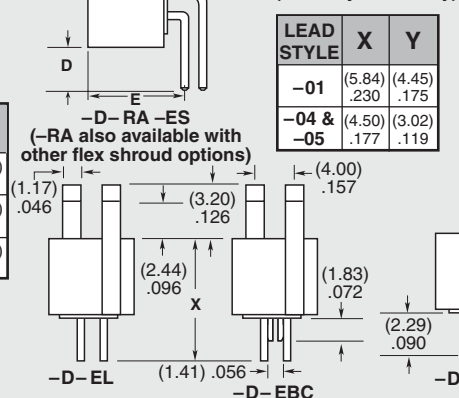
- D**
= Double Row
(Required for Flex Shroud option)
- T**
= Triple Row
- Q**
= Four Row
- 5**
= Five Row
- 6**
= Six Row

TAIL OPTION

- RA**
= Right-angle
(Double & Triple Row only)
(-ES, -EP, -EL Double Row only)
(-EC, -EBC and -EPC not available)
(-06 Lead style not available)



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

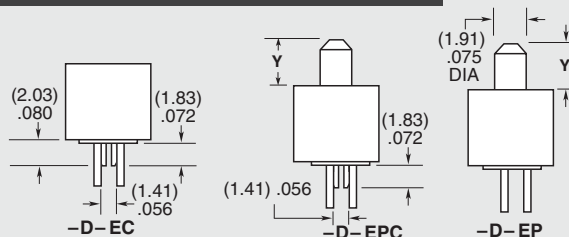


LEAD STYLE	X	Y
-01	(5.84) .230	(4.45) .175
-04 & -05	(4.50) .177	(3.02) .119

FLEX SHROUD OPTIONS

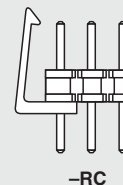
Flex Shroud requires -D row & 9 pins/row minimum
(For board-to-board interfaces. Will not mate with TCSD)

- 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)



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