

(2.00 mm) .0787"

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:

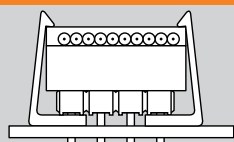
CLT, SQT, SQW, ESQT,
TLE, SMM, MMS

Cable Mates:

TCSD

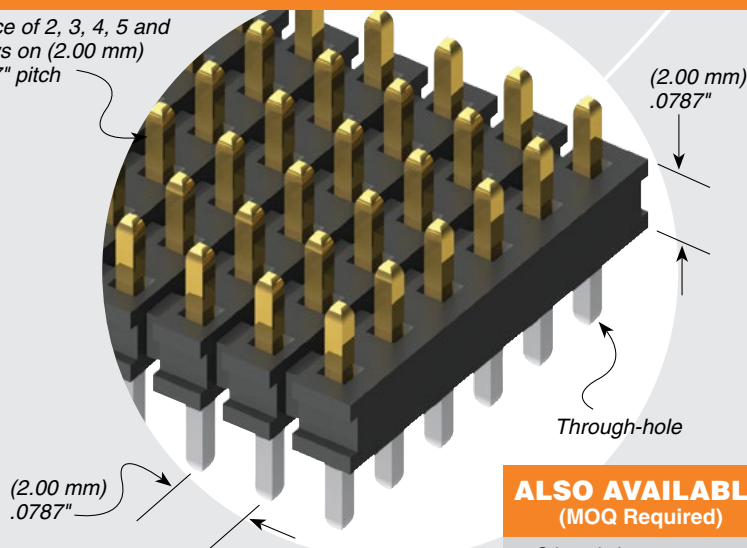


APPLICATION



Retention Clip Option (-RC)

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



Through-hole

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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 ROWLEAD
STYLEPLATING
OPTION

03 thru 50

Specify
LEAD STYLE
from chart

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

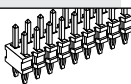
-L
= 10 μ " (0.25 μ m)
Gold on post,
Matte Tin on tail

-T
= Matte Tin

Other Solutions

Press-fit

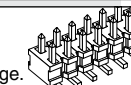
See PTT Series.



Surface

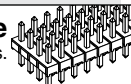
Mount

See previous page.



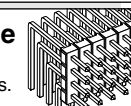
Low Profile

See TMM Series.



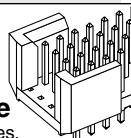
Right-angle Four Row

See TMM Series.

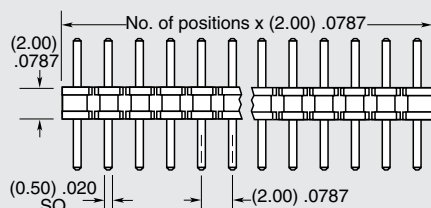
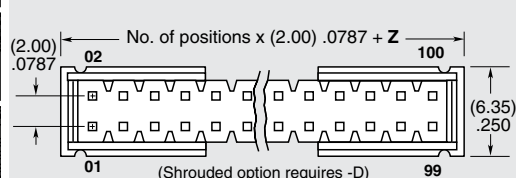
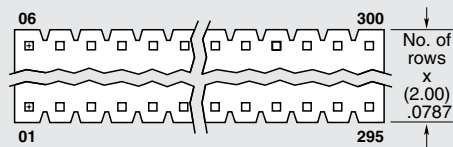


Shrouded Four Row Vertical & Right-angle

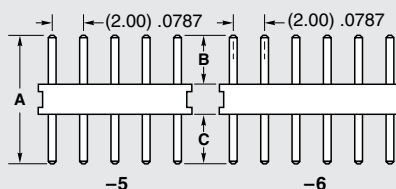
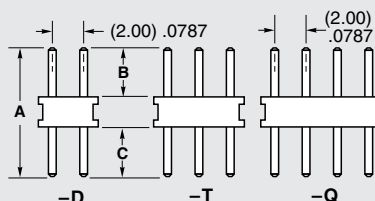
See TMMS Series.



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

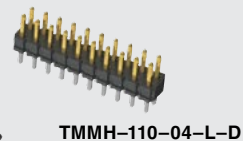
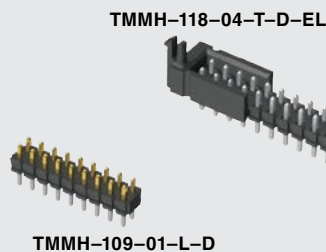
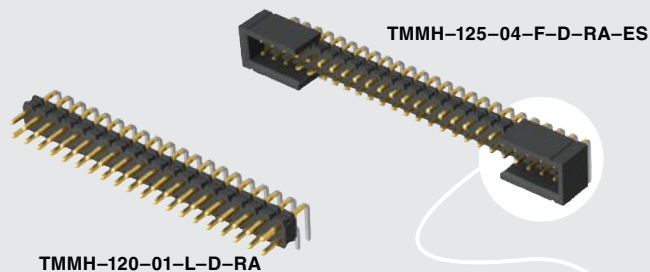


Due to technical progress, all designs, specifications and components are subject to change without notice.

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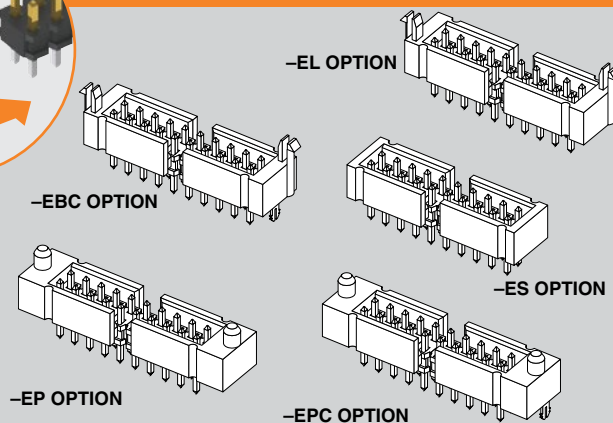
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Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



TMMH SERIES

FLEX SHROUD OPTIONS



APPLICATIONS



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)

FLEX SHROUD OPTIONS

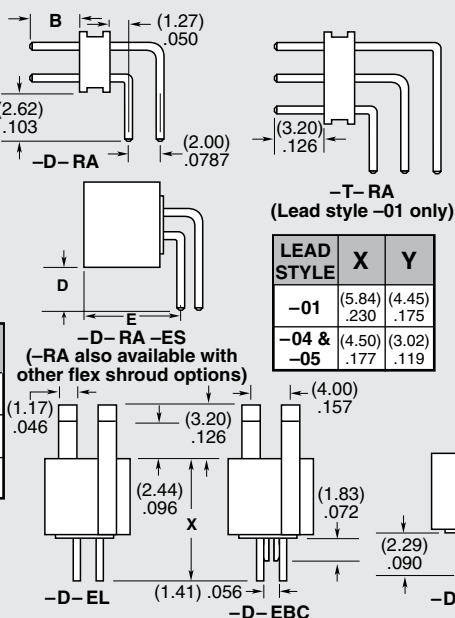
Flex Shroud requires -D row & 9 pins/row minimum
(For board-to-board interfaces. Will not mate with TCSD)

- 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)

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



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