



(2,00 mm) .0787"



TMMH-125-04-F-D-EP

TMMH-116-04-L-6



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

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

Lead-Free Solderable:

Yes

Mates with:

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



EXTENDED LIFE PRODUCT

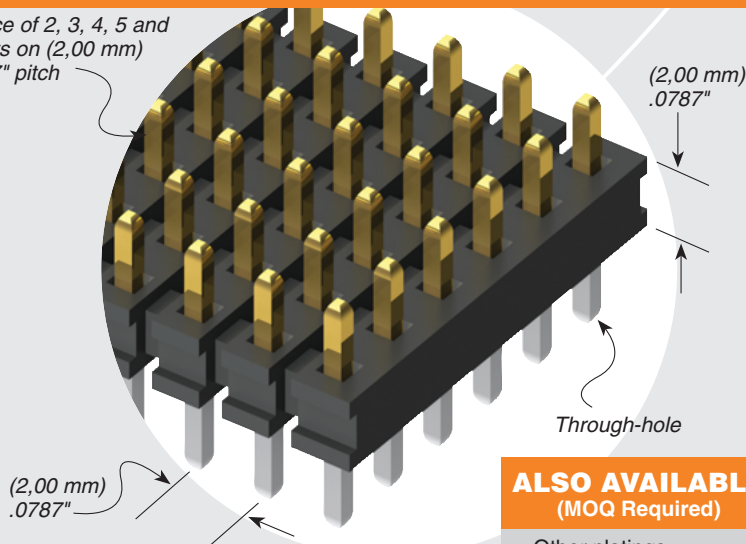
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum mated cycles

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

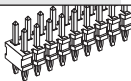
-L
= 10µ" (0,25 µm)
Gold on post,
Matte Tin on tail

-T
= Matte Tin

Other Solutions

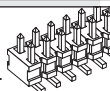
Press Fit

See PTT Series.



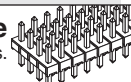
Surface Mount

See previous page.



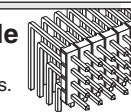
Low Profile

See TMM Series.



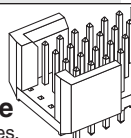
Right Angle Four Row

See TMM Series.

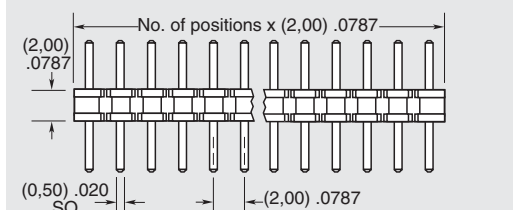
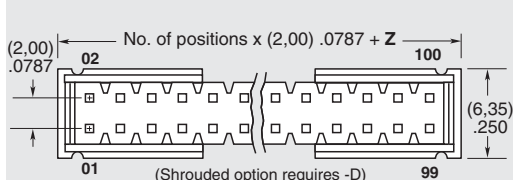
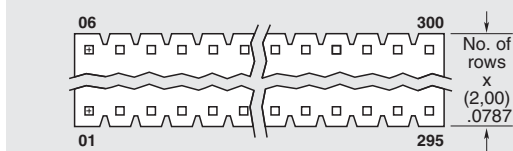


Shrouded Four Row Vertical & Right Angle

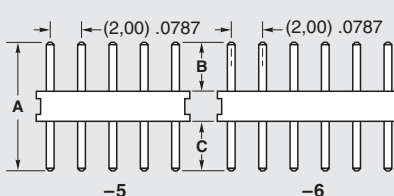
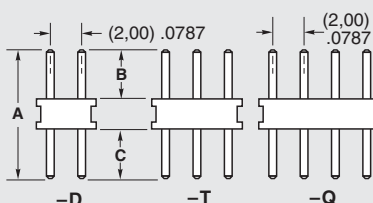
See TMMS Series.

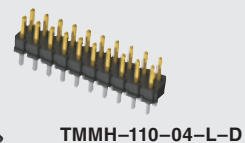


Paste In Hole (PIH) processing.
Contact Samtec ASP Group for
part customization.

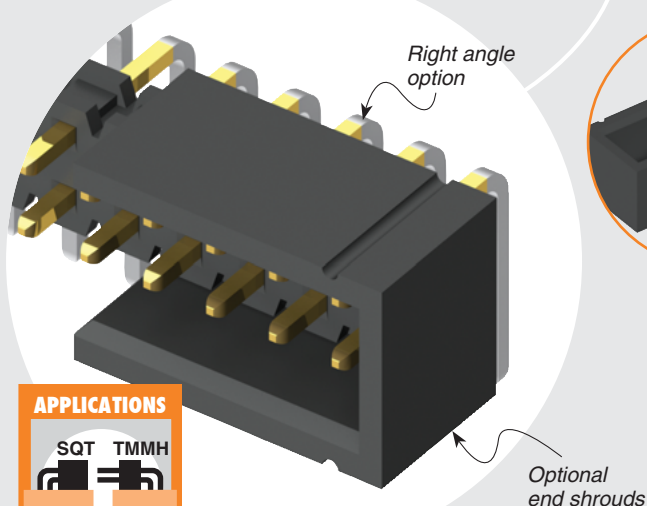


OPTION	Z	LEAD STYLE	A	B	C
-ES	(2,92) .115	-01	(7,67) .302	(3,20) .126	(2,46) .097
-EC	(4,70) .185	-04	(6,45) .254	(1,91) .075	(2,57) .101
-EP & -EPC	(6,10) .240	-05	(5,94) .234	(1,65) .065	(2,29) .090
-EL & -EBC	(4,45) .175	-06	(8,74) .344	(3,20) .126	(3,53) .139





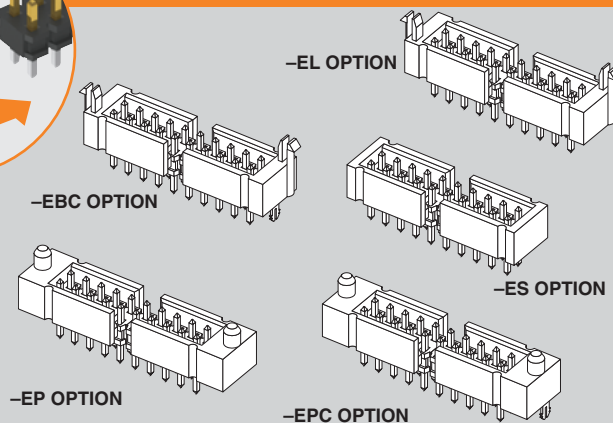
TMMH SERIES



APPLICATIONS



FLEX SHROUD OPTIONS

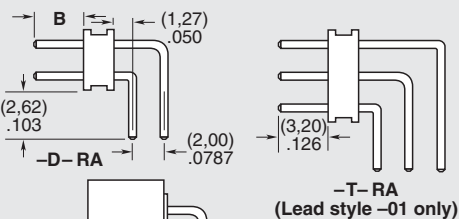


ROW OPTION

- 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)

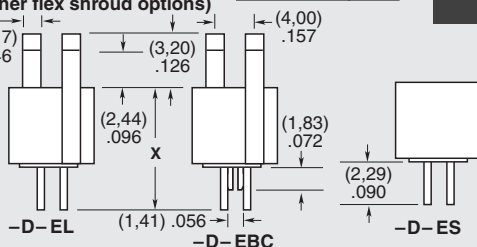


-T-RA
(Lead style -01 only)

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

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

-D-RA-ES
(-RA also available with other flex shroud options)



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)

