samtec

FLEXY X Y Z ™

TMMH–116–04–L–6

TMMH–125–04–F–D–EP

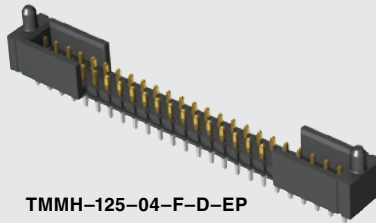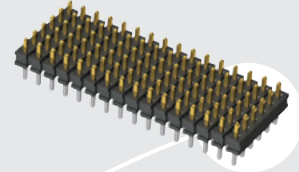**(2.00 mm) .0787"**

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 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:
281 VAC mated with SQW;
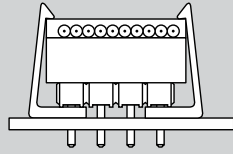250 VAC mated with SQT
RoHS Compliant:
Yes
Lead–Free Solderable: Yes

RECOGNITIONS

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

UL FILE NO. E111594

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

Other Solutions

Press-fit
See PTT Series.
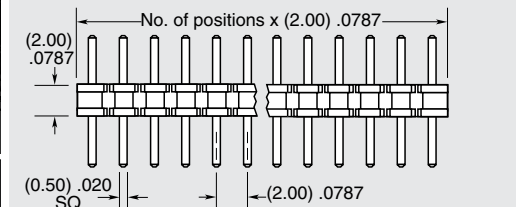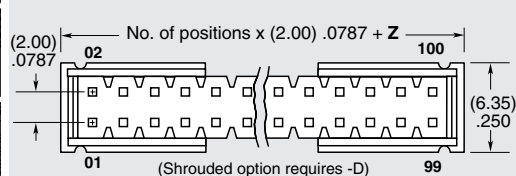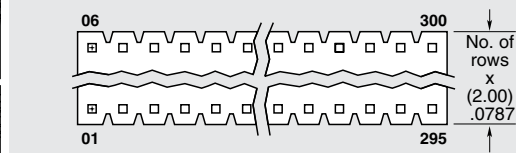
Surface Mount
See previous page.
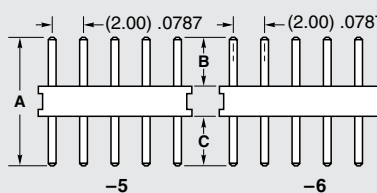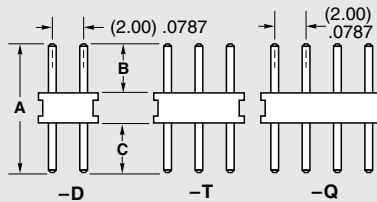
Low Profile
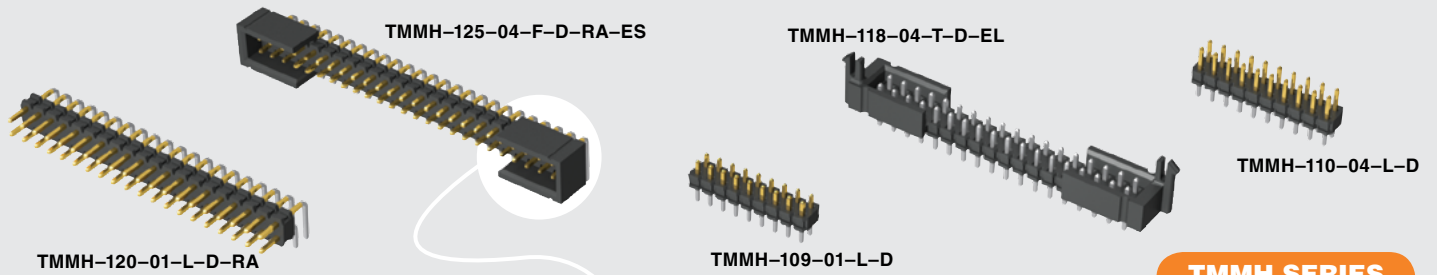See TMM Series.

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.

Board Mates:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS

Cable Mates:
TCSD

10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES

APPLICATION

Retention Clip Option (–RC)

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

(2.00 mm) .0787"

Through-hole

(2.00 mm) .0787"

ALSO AVAILABLE
(MOQ Required)

• Other platings
Contact Samtec.

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 µm) Gold on post, Matte Tin on tail

–T = Matte Tin

OPTION	Z
–ES	(2.92) .115
–EC	(4.70) .185
–EP & –EPC	(6.10) .240
–EL & –EBC	(4.45) .175

LEAD STYLE	A	B	C
–01	(7.67) .302	(3.20) .126	(2.46) .097
–04	(6.45) .254	(1.91) .075	(2.57) .101
–05	(5.94) .234	(1.65) .065	(2.29) .090
–06	(8.74) .344	(3.20) .126	(3.53) .139

06 300
No. of rows x (2.00) .0787
01 295

No. of positions x (2.00) .0787 + Z
(2.00) .0787
02 100
(6.35) .250
01 99
(Shrouded option requires -D)

(2.00) .0787
B
A
C
–D **–T** **–Q**

No. of positions x (2.00) .0787
(2.00) .0787
(0.50) .020 SQ
(2.00) .0787

(2.00) .0787
B
A
C
–5 **–6**

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

TMMH–125–04–F–D–RA–ES

TMMH–118–04–T–D–EL

TMMH–110–04–L–D

TMMH–120–01–L–D–RA

TMMH–109–01–L–D

TMMH SERIES

Right-angle option

FLEX SHROUD OPTIONS

–EL OPTION

–EBC OPTION

–ES OPTION

–EP OPTION

–EPC OPTION

APPLICATIONS

SQT   TMMH

HORIZONTAL

Optional end shrouds

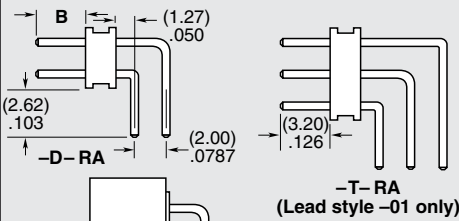| ROW OPTION	TAIL OPTION	FLEX SHROUD OPTIONS	OTHER OPTIONS

ROW OPTION

–D
= Double Row
(Required for Flex Shroud option)

–T
= Triple Row

–Q
= Four Row

–5
= Five Row

–6
= Six Row

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

TAIL OPTION

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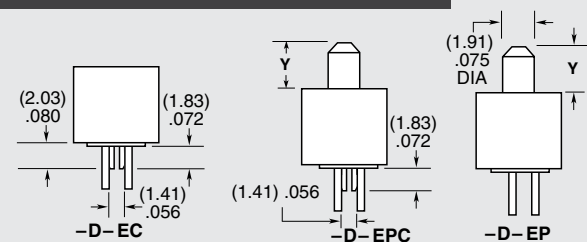(–06 Lead style not available)

B   (1.27) .050

(2.62) .103

(2.00) .0787

–D– RA

(3.20) .126

–T– RA
(Lead style –01 only)
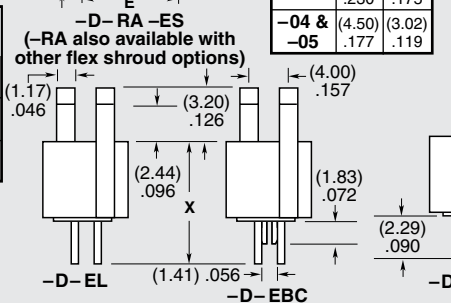
LEAD STYLE	X	Y
–01	(5.84) .230	(4.45) .175
–04 & –05	(4.50) .177	(3.02) .119

D

E

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

(1.17) .046

(3.20) .126

(4.00) .157

(2.44) .096

(1.83) .072

(2.29) .090

X

(1.41) .056

–D– EL

–D– EBC

–D– ES

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)

(2.03) .080

(1.83) .072

(1.41) .056

–D– EC

Y

(1.83) .072

(1.41) .056

–D– EPC

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)

–RC

(1.91) .075 DIA

Y

–D– EP