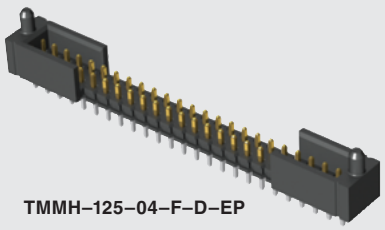
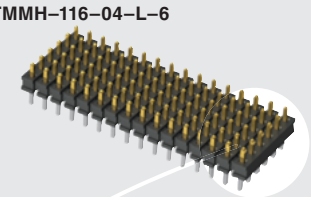
samtec

FLEX Y Z ™





(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
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

RECOGNITIONS

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

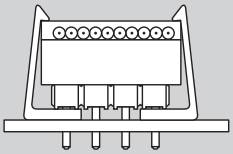
FILE NO. E111594

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

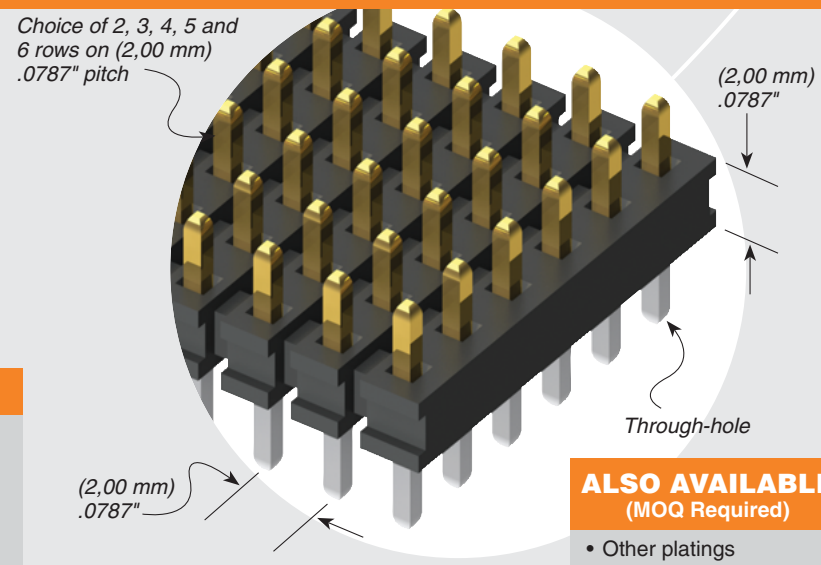
Mates with:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS, TCSD

E.L.P.™
EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum mated cycles

APPLICATION



Retention Clip Option (–RC)



ALSO AVAILABLE (MOQ Required)

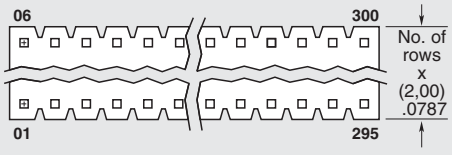
- Other platings
Contact Samtec.

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

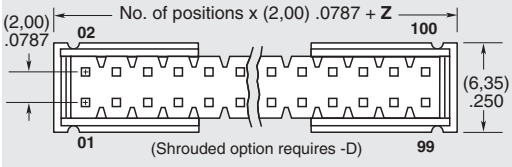
–L = 10µ" (0,25 µm) Gold on post, Matte Tin on tail

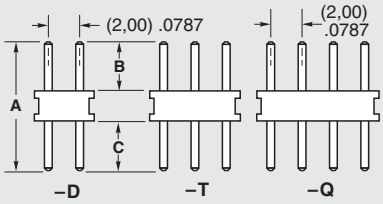
–T = Matte Tin

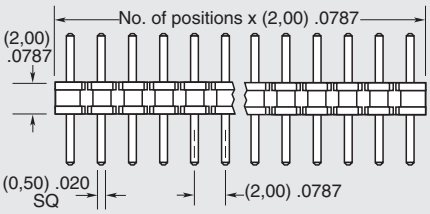


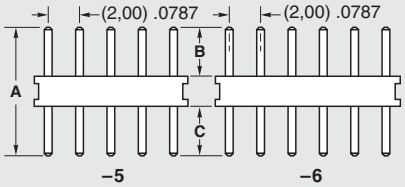
OPTION	Z
–ES	(2,92) .115
–EC	(4,70) .185
–EP & –EPC	(6,10) .240
–EL & –EBC	(4,45) .175

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



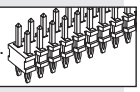




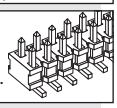


Other Solutions

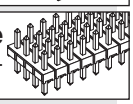
Press Fit
See PTT Series.



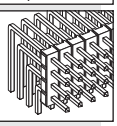
Surface Mount
See previous page.



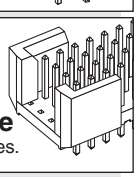
Low Profile
See TMM Series.



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.

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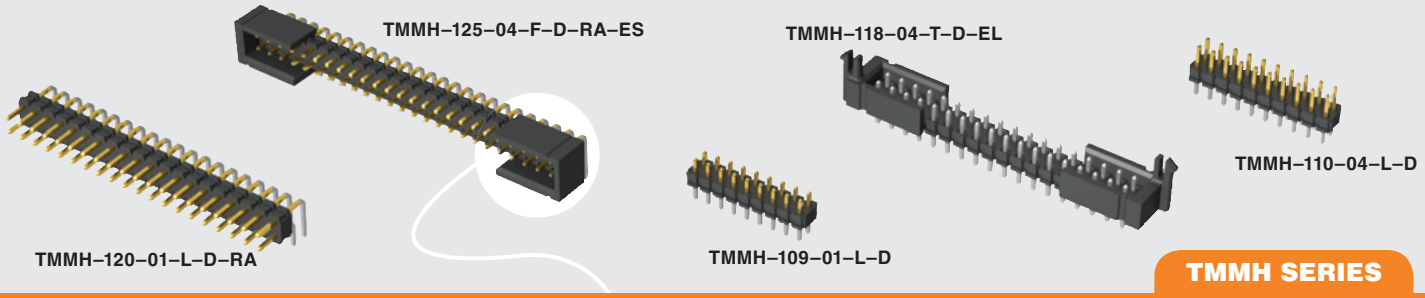
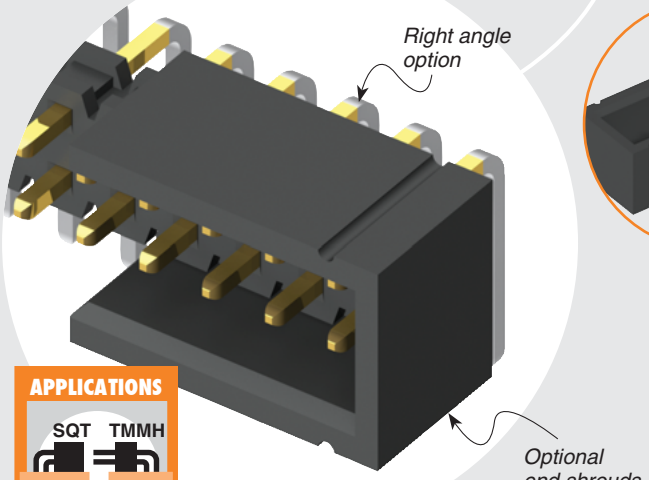
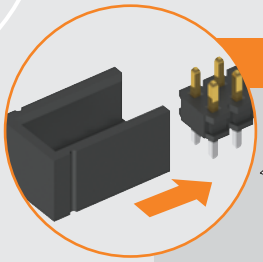


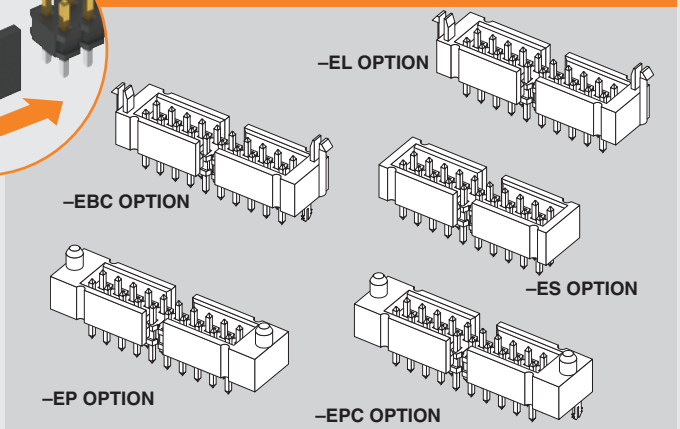
TMMH SERIES



APPLICATIONS



FLEX SHROUD OPTIONS



ROW OPTION

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

–T
= Triple Row

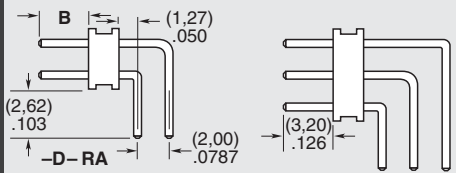
–Q
= Four Row

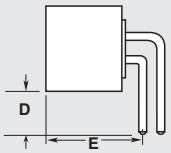
–5
= Five Row

–6
= Six Row

TAIL OPTION

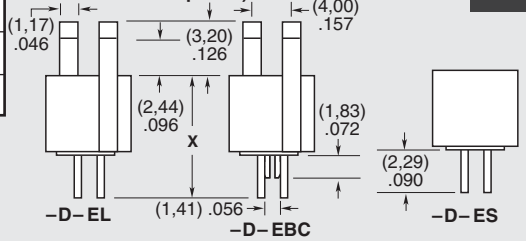
–RA
= Right Angle
(Double & Triple Row only)
(–ES, –EP, –EL Double Row only)
(–EC, –EBC and –EPC not available)
(–06 Lead style not available)

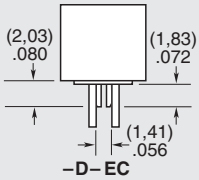


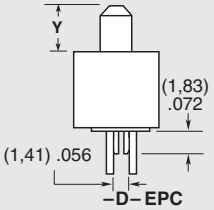


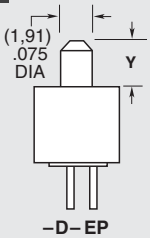
LEAD STYLE	D	E
–01	(2,34) .092	(6,60) .260
–04	(2,62) .103	(5,26) .207
–05	(3,12) .123	(5,26) .207

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)

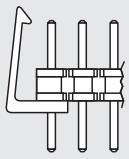
–EBC
= End Shroud with Board Lock and Locking Clip
(Boards are positively locked and cannot be unmated)

–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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