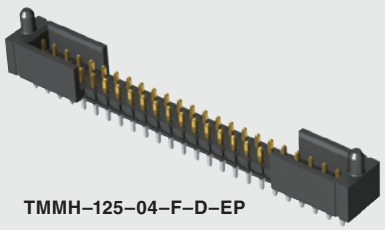
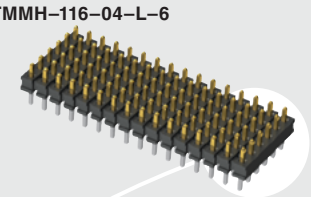
samtec





(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
(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

RECOGNITIONS

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

FILE NO. E111594

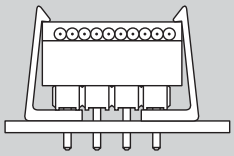
Note:
Some lengths, styles and options are non-standard, non-returnable.

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

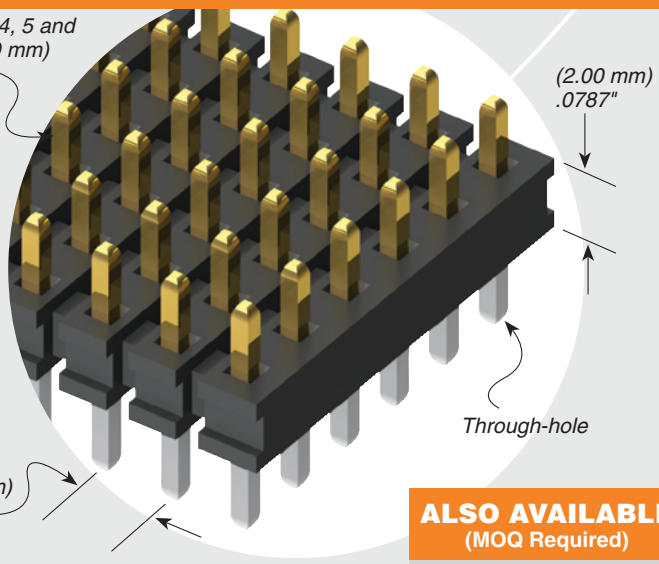
Cable Mates:
TCSD

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

APPLICATION



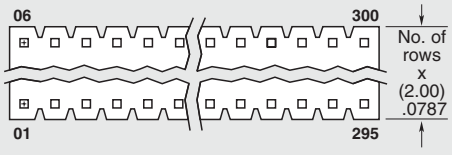
Retention Clip Option (–RC)



ALSO AVAILABLE
(MOQ Required)

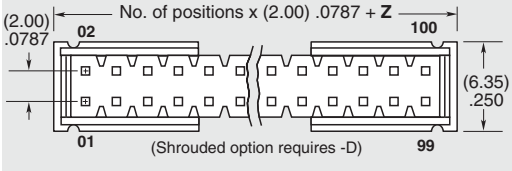
- Other platings

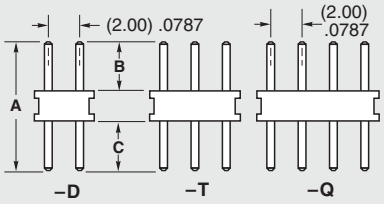
TMMH	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION
			03 thru 50		Specify LEAD STYLE from chart		–F = Gold flash on post, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail –T = Matte Tin

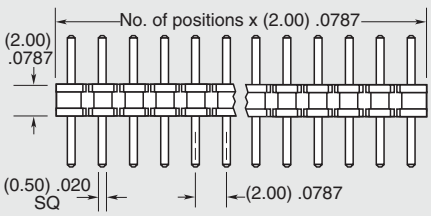


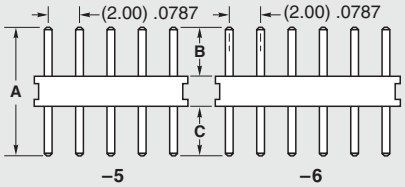
OPTION	Z
–ES	(2.92) .115
–EC	(4.70) .185
–EP & –EPC	(6.10) .240
–EL & –EBC	(4.45) .175

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



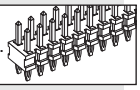




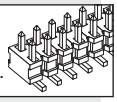


Other Solutions

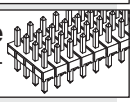
Press-fit
See PTT Series.



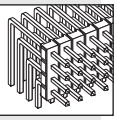
Surface Mount
See previous page.



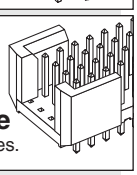
Low Profile
See TMM Series.



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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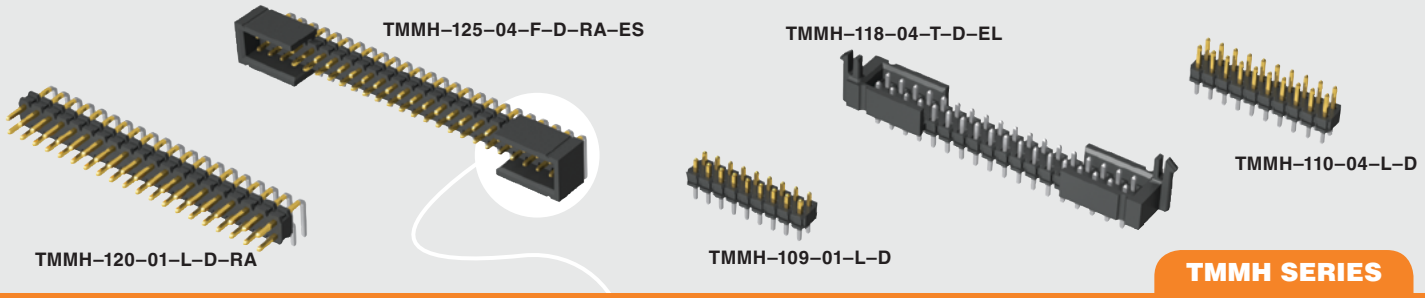
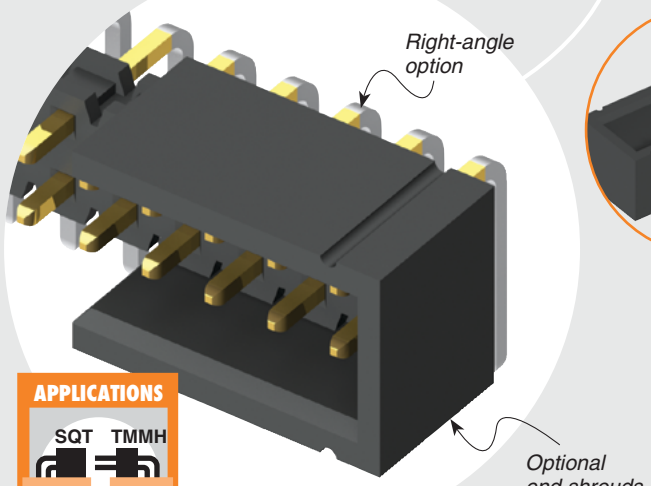
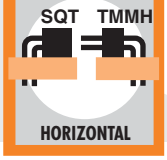
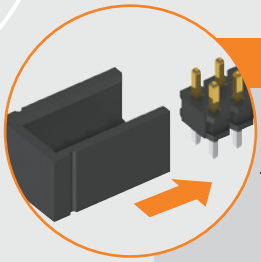


TMMH SERIES

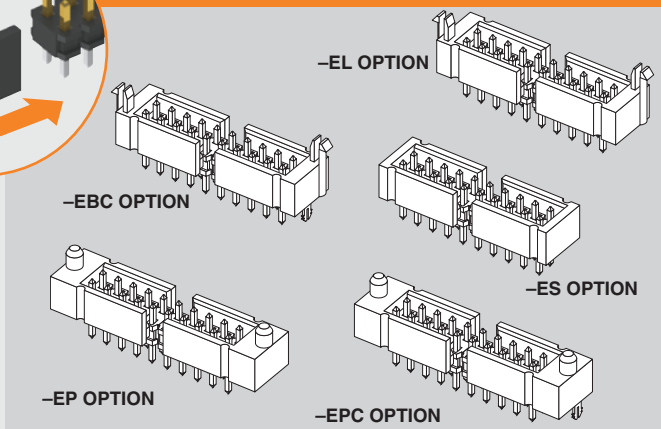


APPLICATIONS





FLEX SHROUD OPTIONS



ROW OPTION

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

–T
= Triple Row

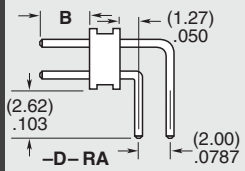
–Q
= Four Row

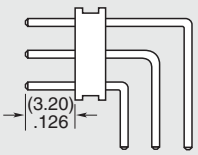
–5
= Five Row

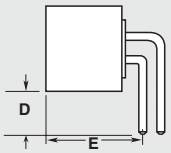
–6
= Six Row

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)

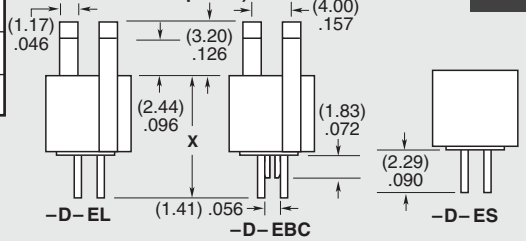






LEAD STYLE	D	E
–01	(2.34) .092	(6.60) .260
–04	(2.62) .103	(5.26) .207
–05	(3.12) .123	(5.26) .207

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

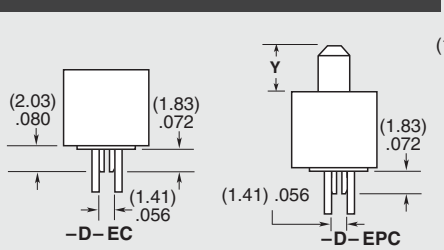
–EC
= End Shroud with Locking Clip
(Manual placement required)

–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)

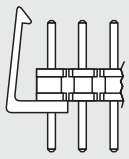
–EPC
= End Shroud with Guide Post and Locking Clip
(Manual placement required)



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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