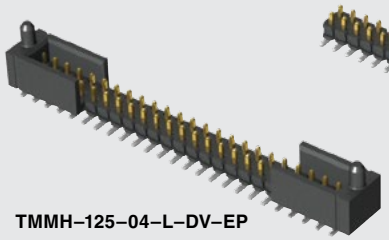
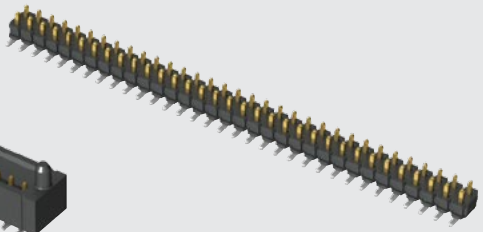
samtec

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


TMMH–125–04–L–DV–EP


TMMH–135–04–F–DV–LC

(2.00 mm) .0787"

FLEXIBLE SMT HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts 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

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

RECOGNITIONS

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

FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

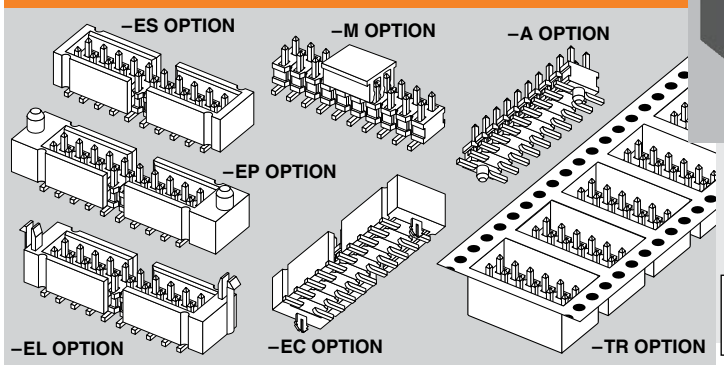
- Other platings
  Contact Samtec.

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

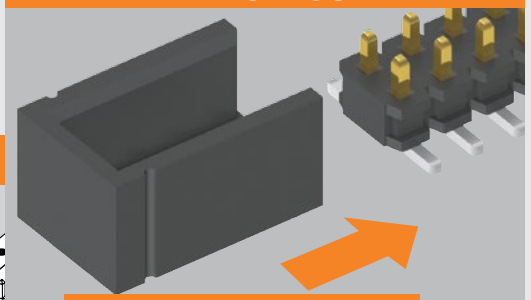
Board Mates:
CLT, SQT, SQW, ESQT, TLE, SMM, MMS

Cable Mates:
TCSD

OPTIONS

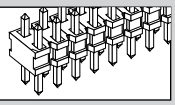


FLEX SHROUD

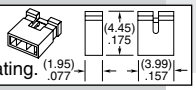


OTHER SOLUTIONS

Through-hole



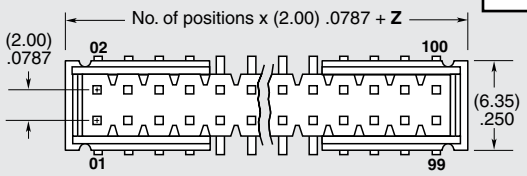
2 mm Shunt
Specify **2SN–BK–G** for 2 mm shunt with Gold plating.

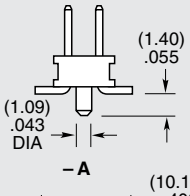


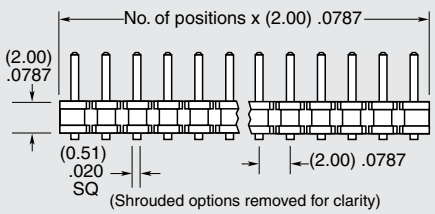
TMMH	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–
			03 thru 50		Specify LEAD STYLE from chart		–F = Gold flash on post, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail –T = Matte Tin	

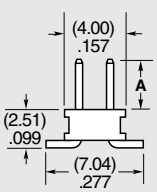
OPTION	Z
–ES	(2.92) .115
–EC	(4.70) .185
–EP & –EPC	(6.10) .240
–EL & –EBC	(4.45) .175

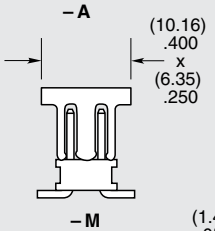
LEAD STYLE	A	MATES WITH
–01	(3.20) .126	SQT, SQW, ESQT, TLE, SMM, MMS, TCSD
–04	(1.91) .075	CLT
–05	(1.65) .065	

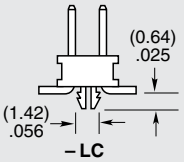


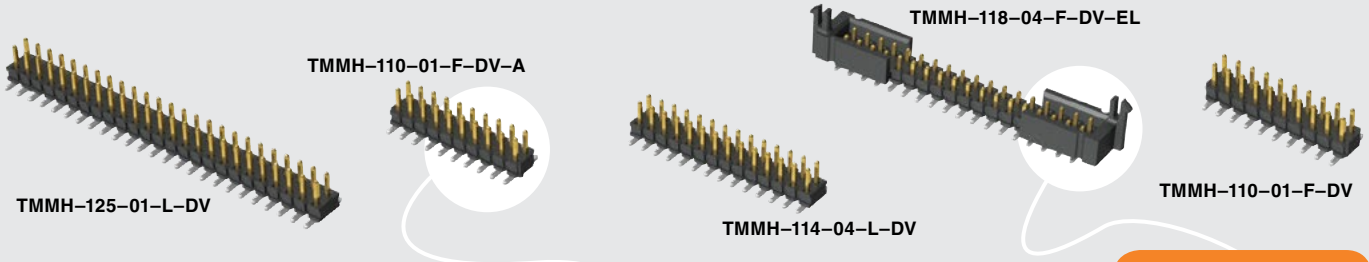




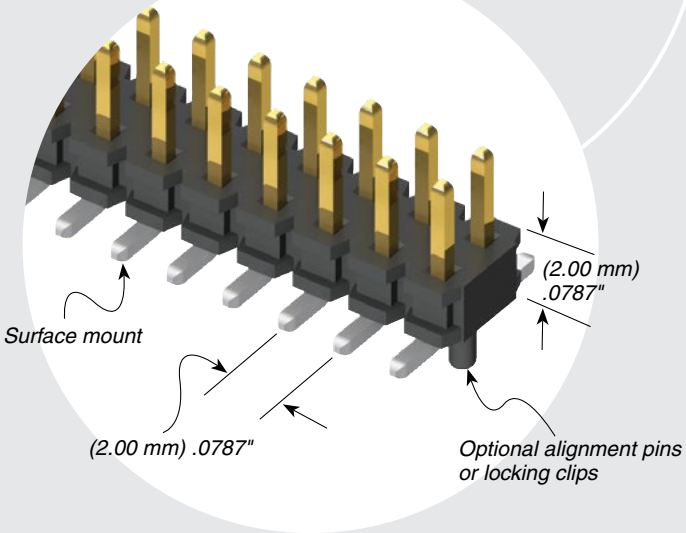


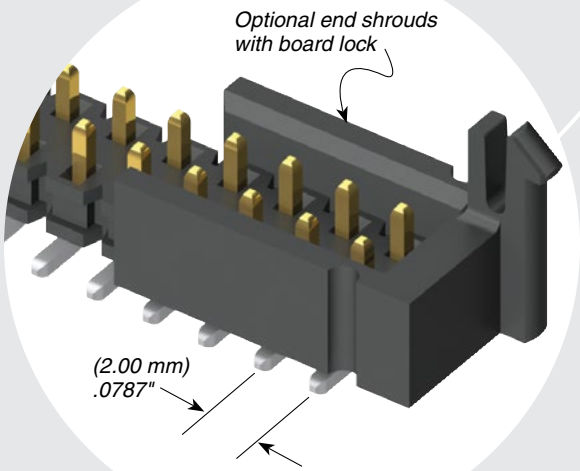






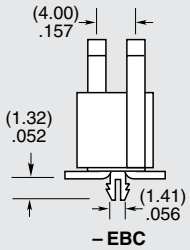
TMMH SERIES



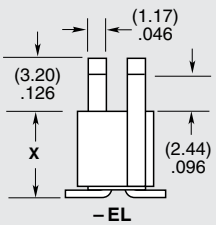


DV

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



– EBC



– EL

FLEX SHROUD OPTIONS

All Flex Shroud options require 9 pins/row minimum
(For board-to-board interfaces. Will not mate with TCSD)

–ES
= End Shroud
(For best cost also see TSH Series)

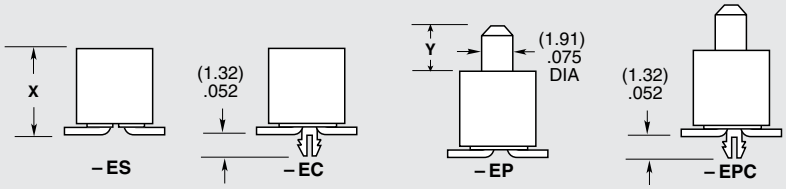
–EC
= End Shroud with Locking Clip
(For best cost also see TSH Series)
(Manual placement required)

–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)



– ES – EC – EP – EPC

OTHER OPTIONS

–"XXX"
= Polarized Position. Specify position of omitted pin

–A
= Alignment Pin
(3 positions minimum)
(Not available with -LC)

–LC
= Locking Clip
(5 positions minimum)
(Not available with -A)
(Manual placement required)

–M
= Pick & Place Pad
(5 positions minimum)

–TR
= Tape & Reel Packaging
(36 positions maximum)
(Flex Shroud options not available
except –ES, –EP & –EL)

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

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.