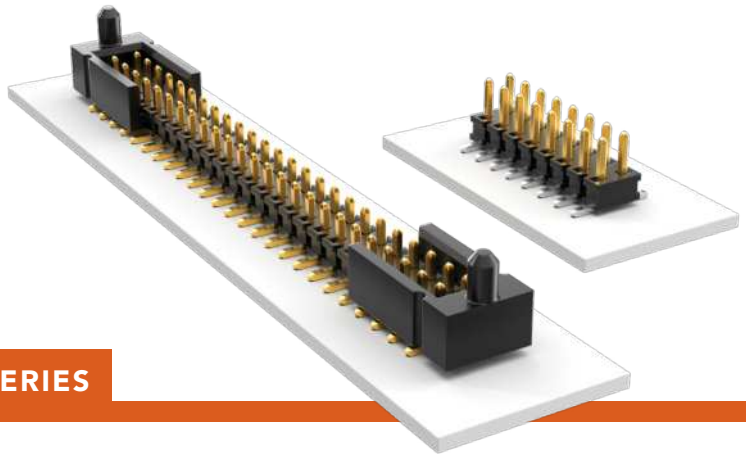
FLEXIBLE SMT HEADER

(2.00 mm) .0787" PITCH • TMMH SERIES



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

Cable Mates:
TCSD

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over 50 µ" (1.27 µm) Ni
Operating Temp Range:
-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold
Current Rating (TMMH/CLT):
4.2 A per pin
(2 pins powered)
Current Rating (TMMH/ESQT):
4.5 A per pin
(2 pins powered)
Current Rating (TMMH/SQT):
5.1 A per pin
(2 pins powered)
Voltage Rating:
405 VAC/573 VDC
mated with CLT;
281 VAC/397 VDC
mated with SQW;
250 VAC/354 VDC
mated with SQT

PROCESSING

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

ALSO AVAILABLE
Contact Samtec

Other Platings

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

TMMH	–	1	–	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	DV	–	FLEX SHROUD OPTIONS	–	OTHER OPTIONS

NO. PINS PER ROW
03 thru 50

LEAD STYLE
Specify LEAD STYLE from chart

PLATING OPTION

–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

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)

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)

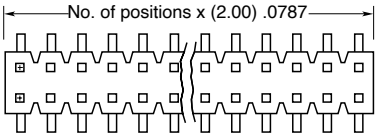
–M
= Pick & Place Pad (5 positions minimum)

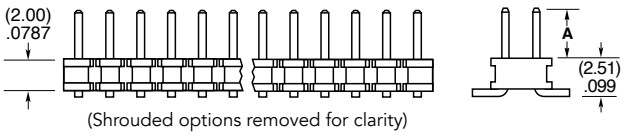
–TR
= Tape & Reel Packaging (36 positions maximum) (Flex Shroud options not available except –ES, –EP & –EL)

–FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (36 positions maximum) (Flex Shroud options not available except –ES, –EP & –EL)

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

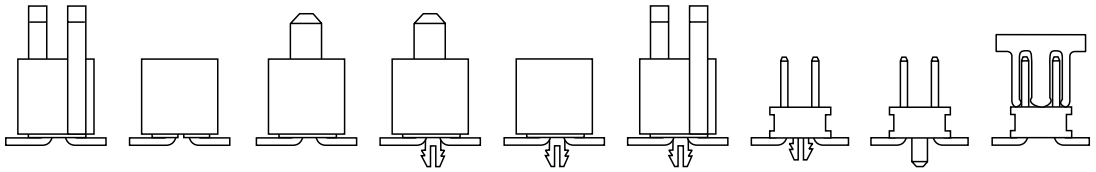






(Shrouded options removed for clarity)

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	



–EL –ES –EP –EPC –EC –EBC –LC –A –M

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

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.