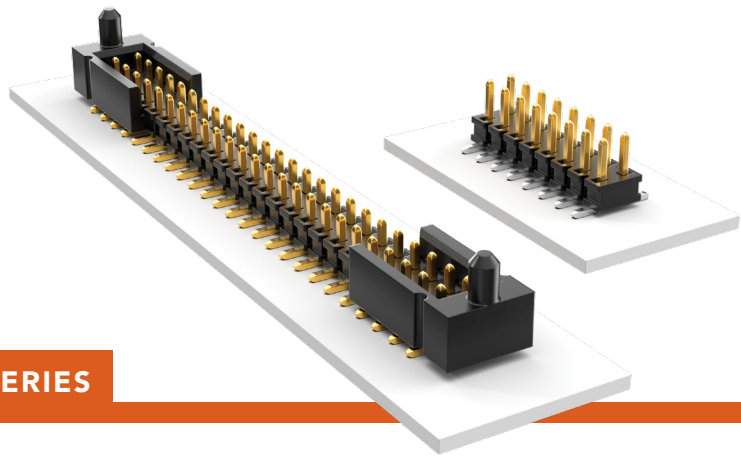


FLEXIBLE SMT HEADER

(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

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)

Operating Temp Range:

-55 °C to +105 °C with Tin;
-55 °C to +125 °C with Gold

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

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

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)

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

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

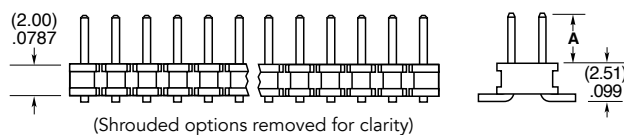
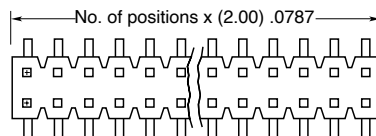
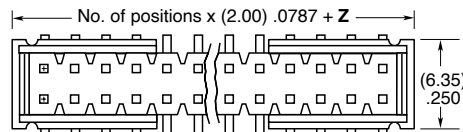
–LC
= Locking Clip
(5 positions minimum)
(Not available with –A)
(Manual placement
required)

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

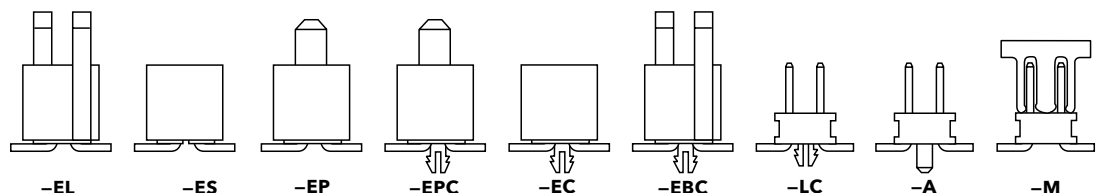
–TR
= Tape & Reel Packaging
(36 positions maximum)
(Flex Shroud options
not available except
–ES, –EP & –EL)

–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



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	



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

F-224 (Rev18NOV24)

samtec.com?TMMH

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.

