



(1,00 mm) .0394"

FTM-125-02-L-DV

FTMH-116-02-L-DV-P

FTMH-111-02-F-DV-ES-A

SMT MICRO TERMINAL STRIPS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FTMH or www.samtec.com?FTM

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Current Rating (FTMH/CLM):
2.8 A per pin

(1 pin powered per row)

Operating Temp Range:
-55°C to +125°C

Plating:

Sn or Au over
50µ" (1,27 µm) Ni
RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes

-DV Lead Coplanarity:
(0,10 mm) .004" max

-DH Lead Coplanarity:
(0,10 mm) .004" max (05-25)
(0,15 mm) .006" max (26-50)

RECOGNITIONS

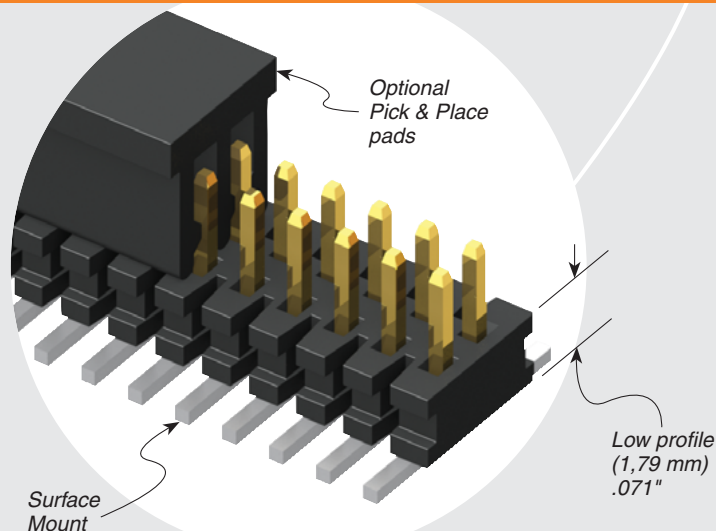
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- End shrouds with board locks
 - Molded end shrouds for 05 through 08 positions
 - Other platings
- Contact Samtec.

Mates with:
CLM, MLE



TYPE STRIP

1

NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

FTMH
= SMT Micro

FTM
= Micro Low Profile

FTMH
= 05 thru 50

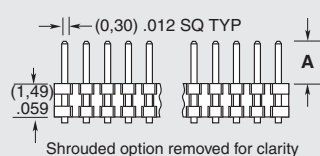
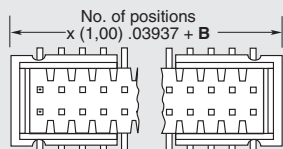
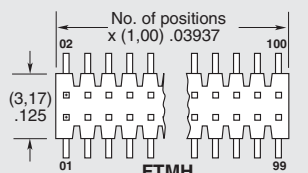
FTM
= 02 thru 50 (unshrouded)
= 05 thru 46 (shrouded)

-02
= (1,91 mm) .075" Post
(Mates with MLE)

-03
= (1,65 mm) .065" Post
(Mates with CLM)

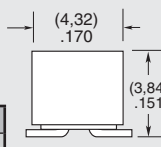
-F
= Gold flash on post,
Matte Tin on tail

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

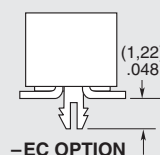


FTMH	
OPTION	B
-ES	(1,57) .062
-EC	(4,06) .160
-EP	(5,49) .216

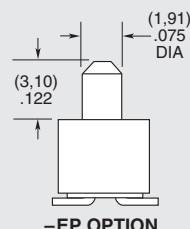
FTMH	
LEAD STYLE	A
-02	(1,91) .075
-03	(1,65) .065



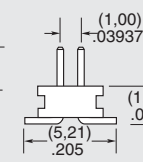
-ES OPTION



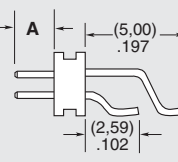
-EC OPTION



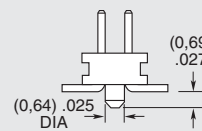
-EP OPTION



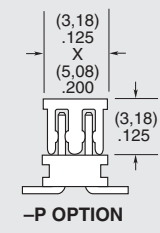
-DV OPTION



-DH OPTION



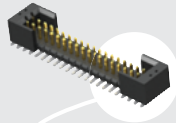
-A OPTION



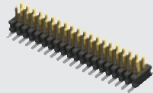
-P OPTION

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

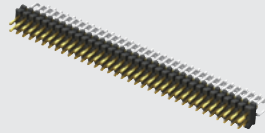
FTMH-122-02-F-DV-EC



FTMH-120-02-L-DV



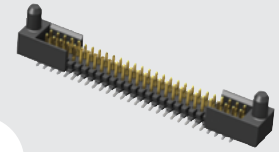
FTMH-135-02-F-DH



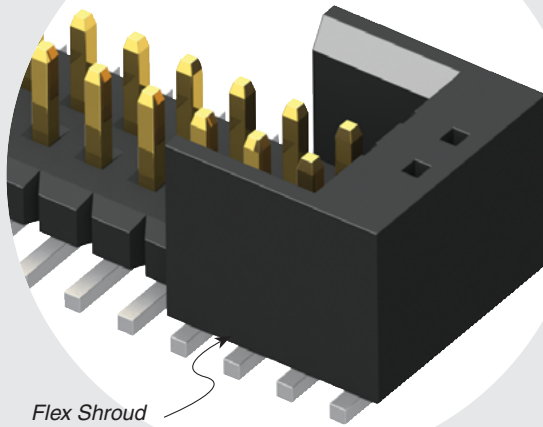
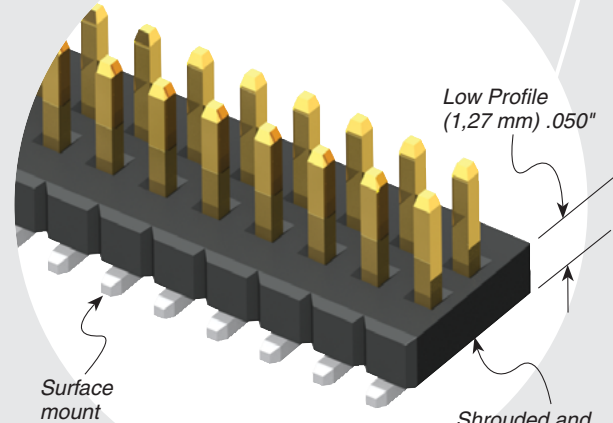
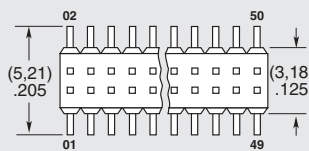
FTMH-125-02-L-DV



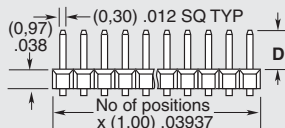
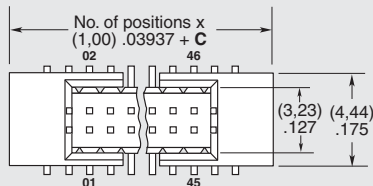
FTMH-128-03-L-DV-EP



FTMH, FTM SERIES

Flex Shroud
options availableLow Profile
(1,27 mm) .050"Surface
mountShrouded and
alignment pin
options availableROW
OPTION-DV
= Dual Vertical-DH
= Dual Horizontal
(FTMH only)

FTM



Shrouded options removed for clarity

FLEX SHROUD OPTIONS

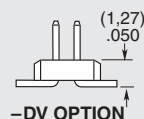
(FTMH-DV only with
9 pins/row minimum)-ES
= End Shroud-EC
= End Shroud with Locking Clip
(Manual placement required)-EP
= End Shroud with Guide Post
(Use only when mating with CLM)

FTM	
OPTION	C
-S	(7,00) .276
-SA	(4,00) .157

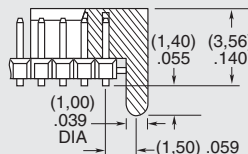
(FTM only)

-S
= End Shroud
(05 positions minimum).
Molded or press fit shroud at
Samtec's discretion
(See assembly print at
www.samtec.com?FTM
for dimensions)-SA
= End Shroud with Alignment Pins
(05 through 46 positions)

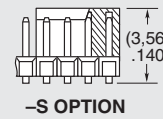
FTM	
LEAD STYLE	D
-02	(1,91) .075
-03	(1,65) .065



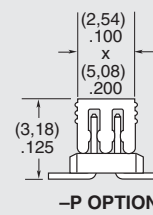
-DV OPTION



-SA OPTION



-S OPTION

OTHER
OPTIONS-A
= Alignment Pin
(3 positions minimum)
Metal or plastic at Samtec discretion
(FTMH-DV only)-K
= (2,50 mm) .098" DIA Polyimide
Film Pick & Place Pad
(FTMH-DH only)-P
= Plastic Pick & Place Pad
(-DV only)
(6 positions minimum FTMH)
(7 positions minimum FTM)-TR
= Tape & Reel

-P OPTION