

(1,00 mm) .0394"

FTMH, FTM SERIES



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 = 2.5A per contact @ 80°C ambient

FTM = 1.5A per contact @ 80°C ambient

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

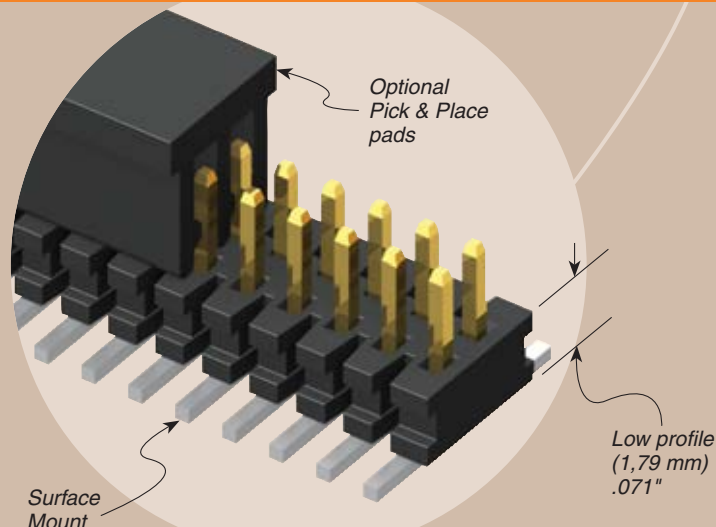
-DV Lead Coplanarity:

(0,10 mm) .004" max

-DH Lead Coplanarity:

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

Mates with:
CLM, MLE



APPLICATION SPECIFIC OPTION

End shrouds with board locks available. Molded end shrouds available for 05 through 08 positions. Call Samtec.

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

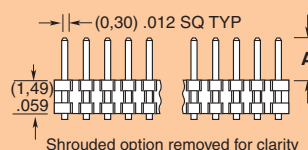
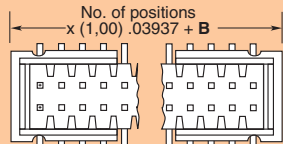
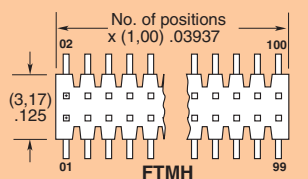
= (1,65 mm) .065" Post
(Mates with CLM)

-F

= Gold flash on post, Matte Tin on tail

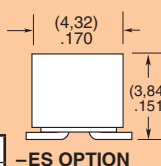
-L

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

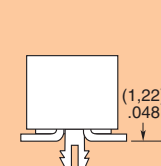


FTMH	
OPTION	B
-ES	(1,57) .062
-EC	(4,06) .160
-EP	(5,49) .216

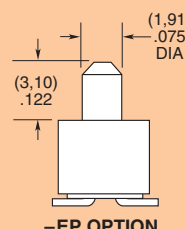
FTMH	
LEAD STYLE	A
-02	(1,91) .075
-03	(1,65) .065



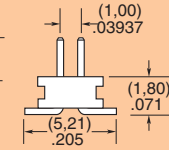
-ES OPTION



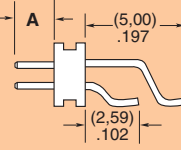
-EC OPTION



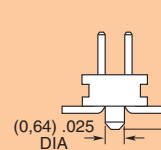
-EP OPTION



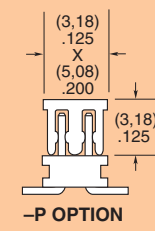
-DV OPTION



-DH OPTION



-A OPTION



-P OPTION

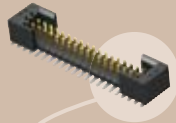
Note: Some lengths, styles and options are non-standard, non-returnable.

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

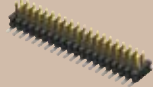
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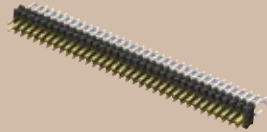
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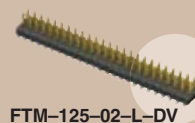
FTMH-120-02-L-DV



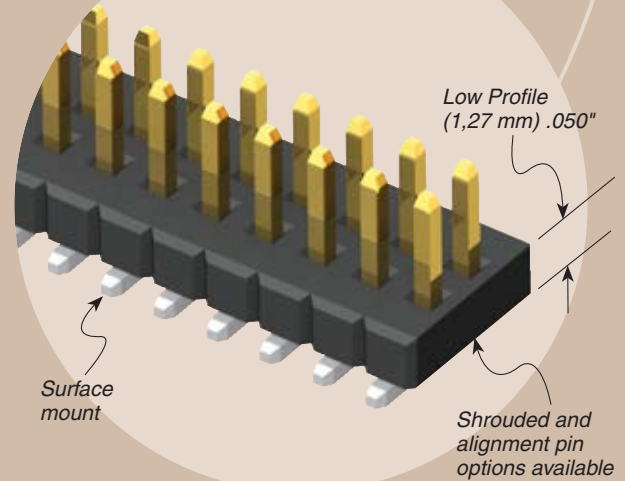
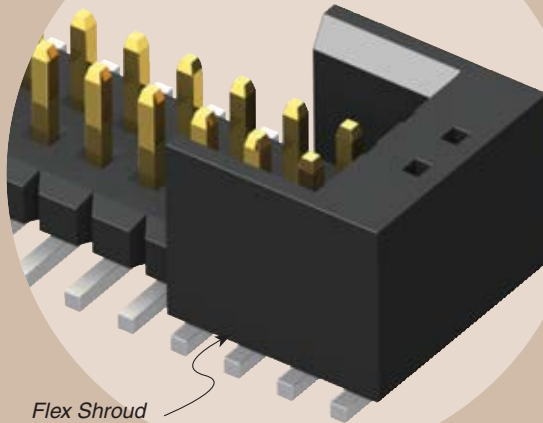
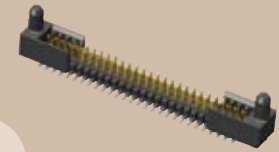
FTMH-135-02-F-DH



FTM-125-02-L-DV



FTMH-128-03-L-DV-EP



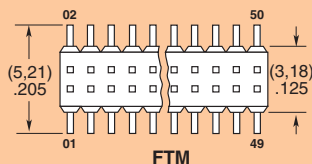
ROW OPTION

-DV

= Dual Vertical

-DH

= Dual Horizontal (FTMH only)



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

(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)

OTHER OPTIONS

-A

= Alignment Pin (3 positions minimum) Metal or plastic at Samtec discretion (FTMH-DV only)

-K

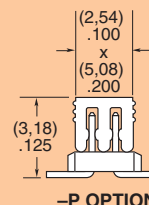
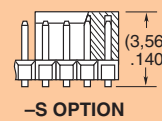
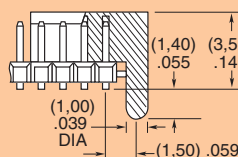
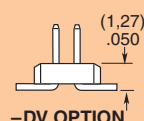
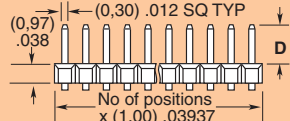
= (2,50 mm) .098" DIA Polyimide Film Pick & Place Pad (FTMH-DH only)

-P

= Plastic Pick & Place Pad (-DV only) (6 positions minimum)

-TR

= Tape & Reel



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