

(1,00 mm) .0394"

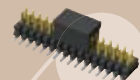
FTMH, FTM SERIES



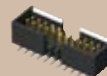
FTM-125-02-L-DV



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

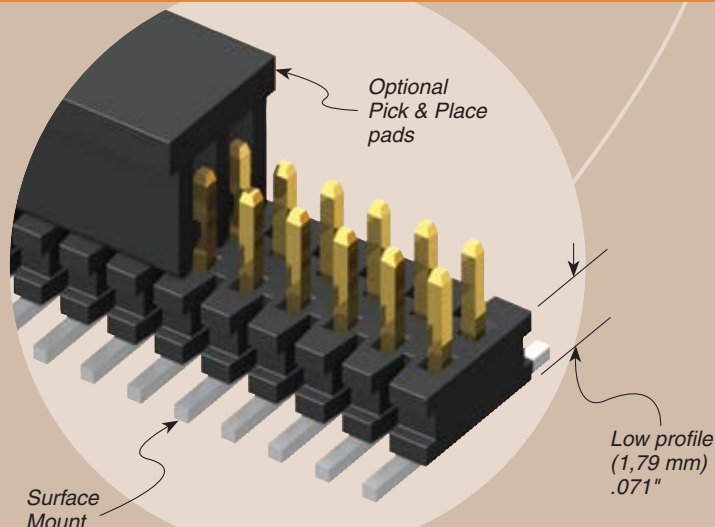
-DV Lead Coplanarity:

(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

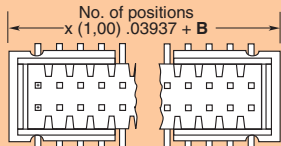
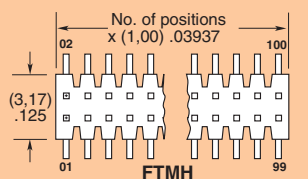
= (1,65 mm) .065" Post
(Mates with CLM)

-F

= Gold flash on post,
Matte Tin on tail

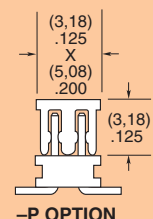
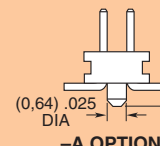
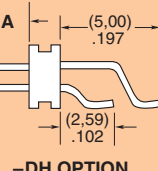
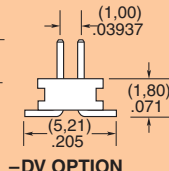
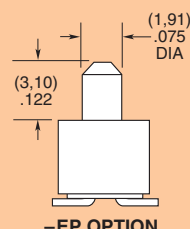
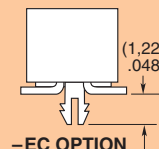
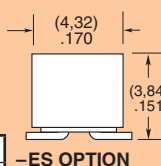
-L

= 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



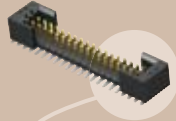
Note: Some lengths, styles and options are non-standard, non-returnable.

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

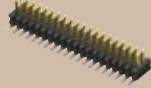
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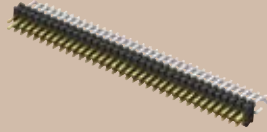
FTMH-122-02-F-DV-EC



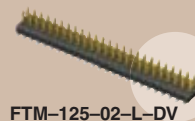
FTMH-120-02-L-DV



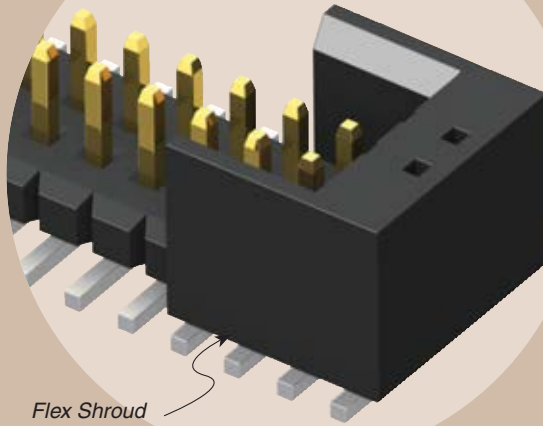
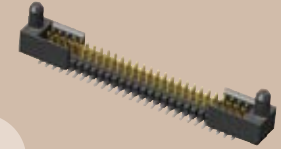
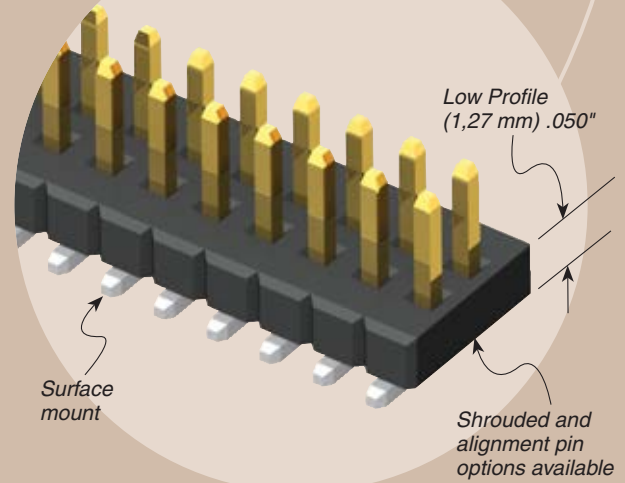
FTMH-135-02-F-DH



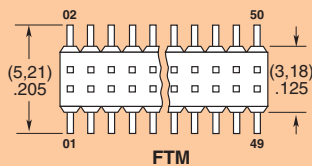
FTM-125-02-L-DV



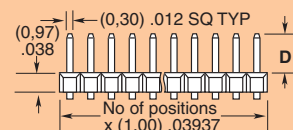
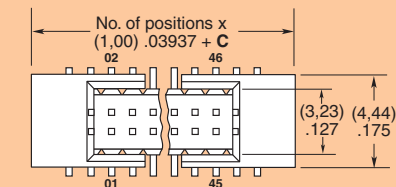
FTMH-128-03-L-DV-EP

Flex Shroud
options availableSurface
mountShrouded and
alignment pin
options availableROW
OPTION**-DV**

= Dual Vertical

-DH= Dual Horizontal
(FTMH only)

FTM



Shrouded options removed for clarity

FLEX SHROUD OPTIONS

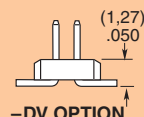
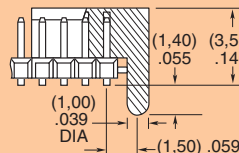
(FTMH-DV only with
9 pins/row minimum)**-ES**

= End Shroud

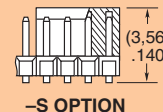
-EC= End Shroud with Locking Clip
(Manual placement required)**-EP**= End Shroud with Guide Post
(Use only when mating with CLM)

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

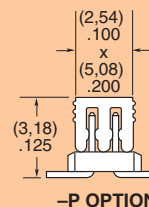
FTM	
LEAD STYLE	D
-02	(1,91) .075
-03	(1,65) .065

**-DV OPTION****-SA OPTION**

(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)**-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)**-TR**

= Tape & Reel

**-P OPTION**

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