

(1,00mm) .03937"

FTMH, FTM SERIES



FTM-125-02-L-DV

FTMH-116-02-L-DV-P

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

SMT MICRO TERMINIAL 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 @ 80°C ambient

FTM = 1.5A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Plating:

Sn or Au over

50µ" (1,27µm) Ni

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

-DV Lead Coplanarity:

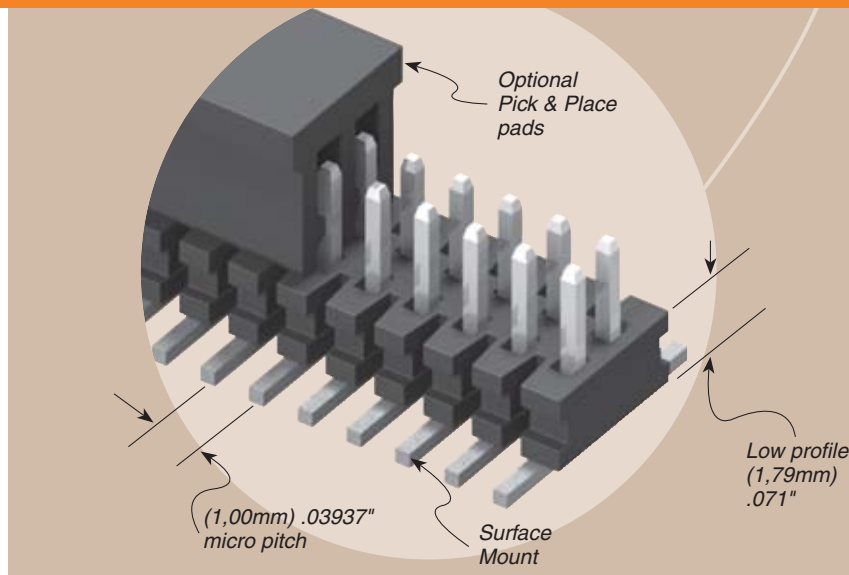
(0,10mm) .004" max

-DH Lead Coplanarity:

(0,10mm) .004" max (05-25)

(0,15mm) .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 & FTM

= 02 thru 50
(FTMH -DH Row Option)
(FTM except -S & -SA option 04 thru 46)

FTMH

= 05 thru 50
(-DV Row Option)

-02

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

-03

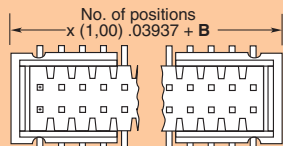
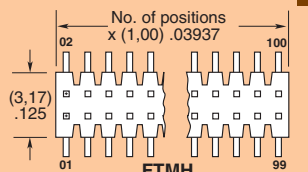
= (1,65) .065" Post
(Mates with CLM)

-F

= Gold flash on post,
Matte Tin on tail

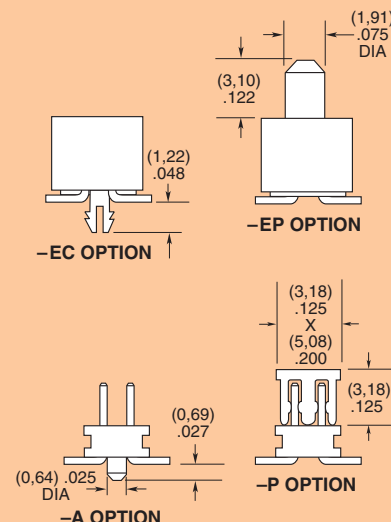
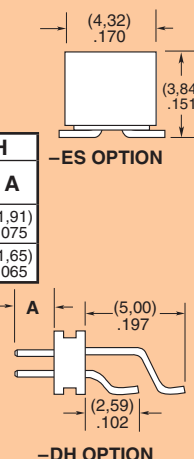
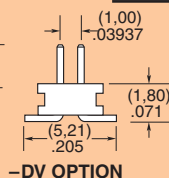
-L

= 10µ" (0,25µm) 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.

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FTMH-122-02-F-DV-EC



FTMH-120-02-L-DV



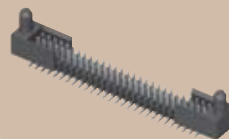
FTMH-135-02-F-DH



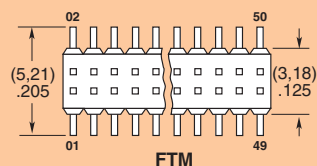
FTM-125-02-DV



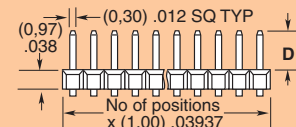
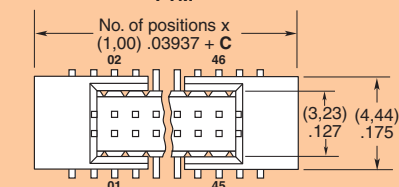
FTMH-128-02-L-DV-EP

Flex Shroud
options availableLow Profile
(1.27mm) .050"(1.00mm)
.03937"
micro pitchSurface
mountShrouded and
alignment pin
options availableROW
OPTION**-DV**

= Dual Vertical

-DH= Dual Horizontal
(FTMH only)

FTM



Shrouded options removed for clarity

FLEX SHROUD OPTIONS

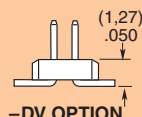
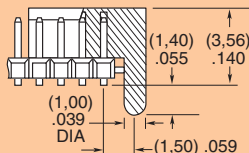
(FTMH-DV only with
9 pins/row minimum)**-ES**

= 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**

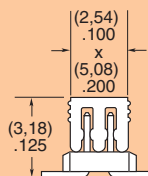
(FTM only)

-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**= (2,50mm) .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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