



FTMH-125-02-L-DV



FTMH-116-02-F-DV-ES



Surface
SMT
Mount

1mm MICRO HEADERS FTMH, FTM SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FTMH or www.samtec.com?FTM

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Current Rating:

1.5A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Plating: Sn or Au over 50µ" (1,27µm) Ni



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

Processing:

Max Processing Temp:

230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating

Lead-Free Solderable:

Yes, with Matte Sn

-DV Lead Coplanarity:

(0,10mm) .004" max

-DH Lead Coplanarity:

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

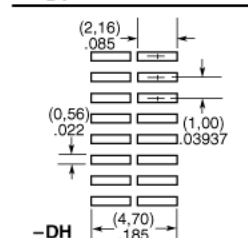
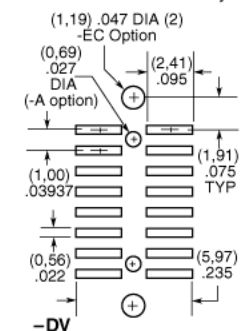
(0,15mm) .006" max (26-50)

Suggested Paste Thickness:

For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:

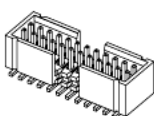
For reference only. Please contact Samtec or go to www.samtec.com?FTMH or www.samtec.com?FTM for recommended PCB layout.



Mates with:
CLM, MLE

OPTIONS

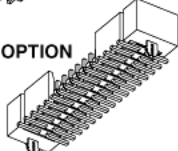
-ES OPTION



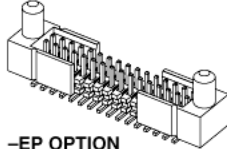
-P OPTION



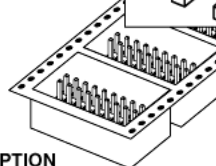
-EC OPTION



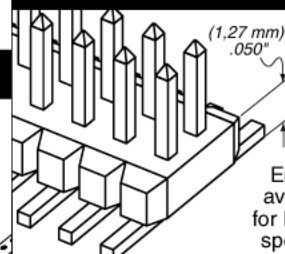
-EP OPTION



-TR OPTION



ALSO AVAILABLE



Ultra-low profile option available. End Shrouds available. Call for FTM Series specifications.

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

FTMH = Standard Strip
FTM = Low Profile Strip

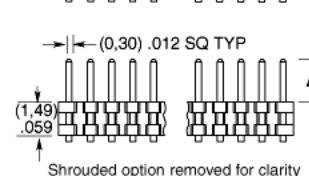
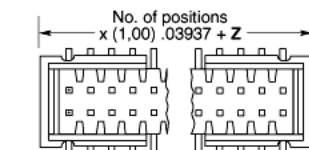
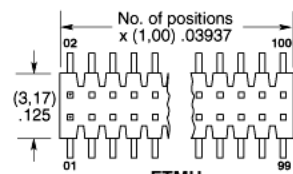
05 thru 50

-02

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

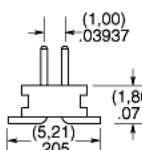
-03

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

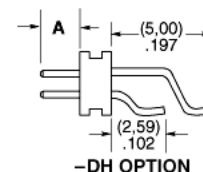


LEAD STYLE	A
-02	(1,91) .075
-03	(1,65) .065

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



-DV OPTION



-DH OPTION

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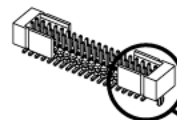
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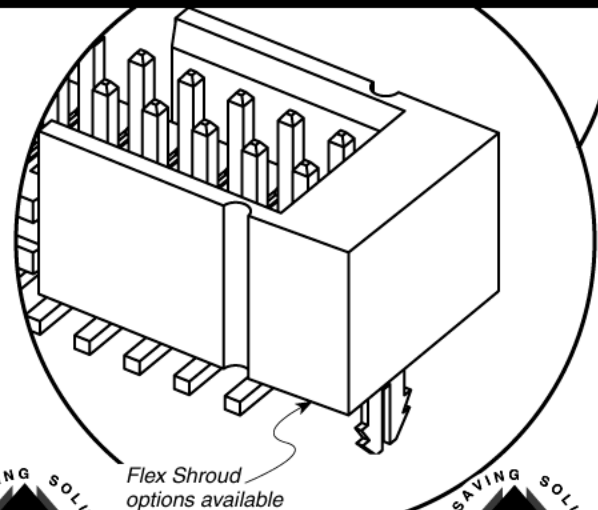
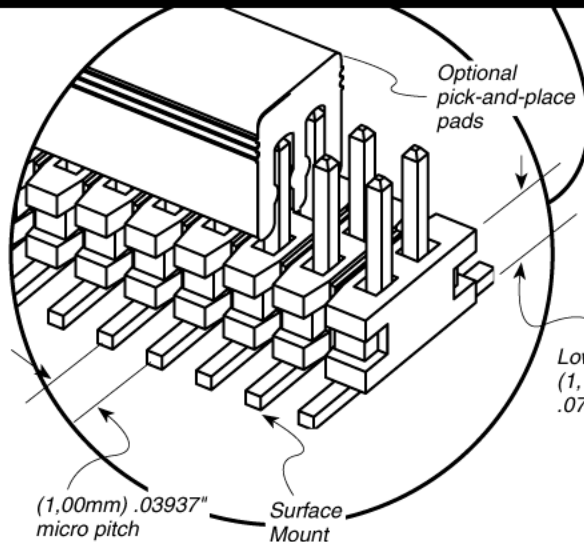
FTMH-130-02-L-DV-ES



FTMH-120-02-F-DV-EC



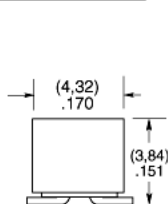
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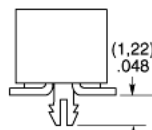
PLATING OPTION

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

-F or -FM
= Gold flash on post,
Tin (-F) or Matte
Tin (-FM) on tail



-ES OPTION

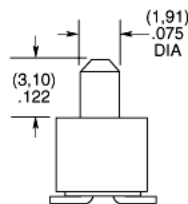


-EC OPTION

ROW OPTION

-DV
= Dual
Vertical

-DH
= Dual
Horizontal
(FTMH only)



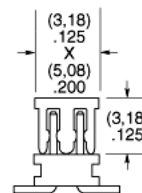
-EP OPTION

FLEX SHROUD OPTIONS (FTMH -DV only) 9 pins/row minimum

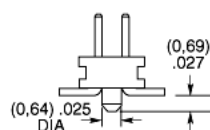
-ES
= End
Shroud

-EC
= End Shroud with
Locking Clip

-EP
= End Shroud with
Guide Post
(Use only when mating
with CLM)



-P OPTION



-A 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
(-DH only)

-M
= Metal Pick & Place Pad
(-DV only)
(8 positions minimum)

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

-TR
= Tape & Reel

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