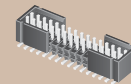
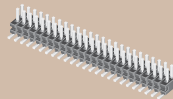


FTMH-125-02-L-DV



FTMH-116-02-F-DV-ES

Surface  
**SMT**  
Mount

# 1mm MICRO HEADERS FTMH SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FTMH](http://www.samtec.com?FTMH)

**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

**RoHS Compliant:**

Yes

**Processing:**

**Max Processing Temp:**

230°C for 60 seconds, or 260°C for 20 seconds 3x

**Lead-Free Solderable:**

Yes

**-DV Lead Coplanarity:**

(0,10mm) .004" max

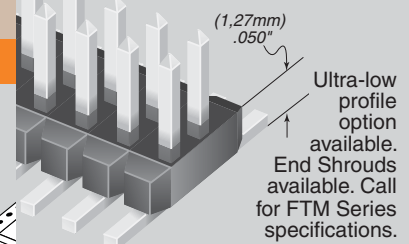
**-DH Lead Coplanarity:**

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

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

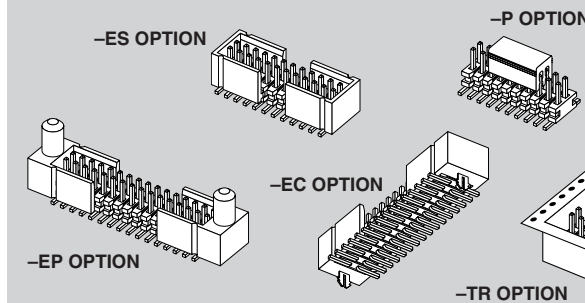
Mates with:  
CLM, MLE

### ALSO AVAILABLE



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

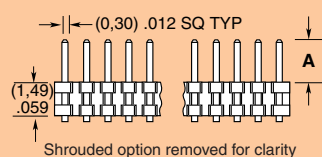
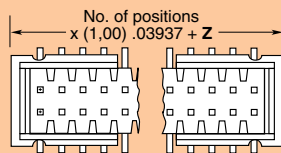
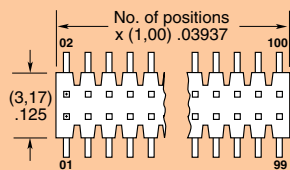
### OPTIONS



### APPLICATION SPECIFIC OPTION

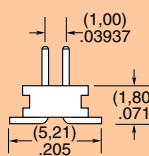
End shrouds with board locks available. Molded end shrouds available for 05 through 08 positions. Call Samtec.

<b>FTMH</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>
		<b>05 thru 50</b>	<b>-02</b> = (1,91) .075" Post (Mates with MLE)  <b>-03</b> = (1,65) .065" Post (Mates with CLM)	<b>-L</b> = 10µ" (0,25µm) Gold on post, Matte Tin on tail  <b>-F</b> = Gold flash on post, Matte Tin on tail

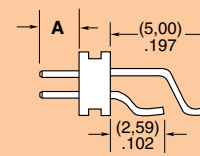


LEAD STYLE	A
-02	(1,91) .075
-03	(1,65) .065

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



-DV OPTION



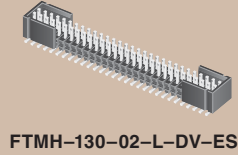
-DH OPTION

**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.

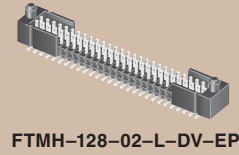
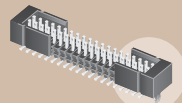
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

FTMH-110-02-L-DV-P

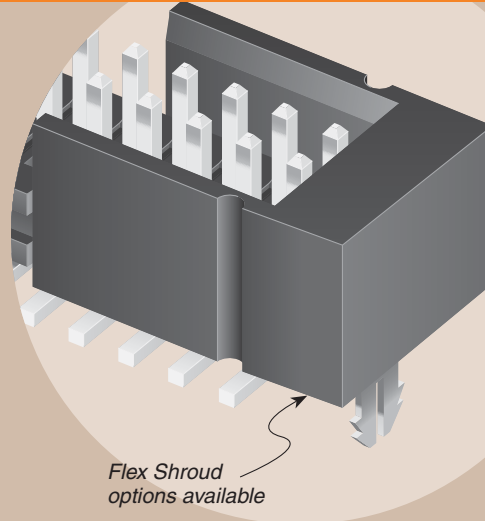
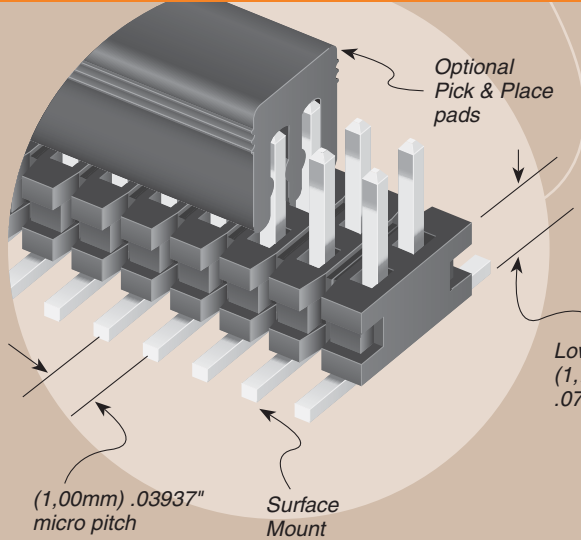


FTMH-130-02-L-DV-ES

FTMH-120-02-F-DV-EC



FTMH-128-02-L-DV-EP



**ROW OPTION**

- DV = Dual Vertical
- DH = Dual Horizontal

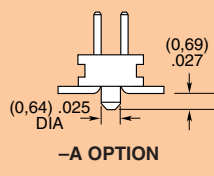
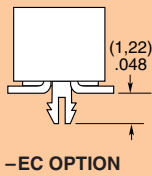
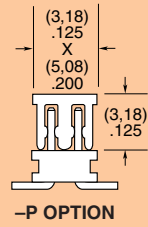
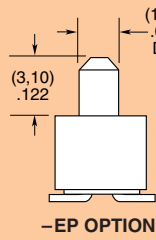
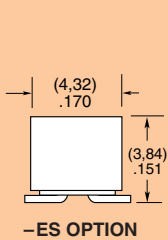
**FLEX SHROUD OPTIONS**  
(-DV only) 9 pins/row minimum

- ES = End Shroud
- EC = End Shroud with Locking Clip

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

**OTHER OPTIONS**

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



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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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