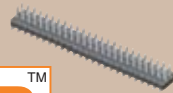




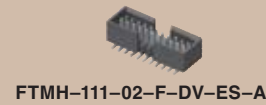
(1,00mm) .03937"

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](http://www.samtec.com?FTMH) or [www.samtec.com?FTM](http://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:

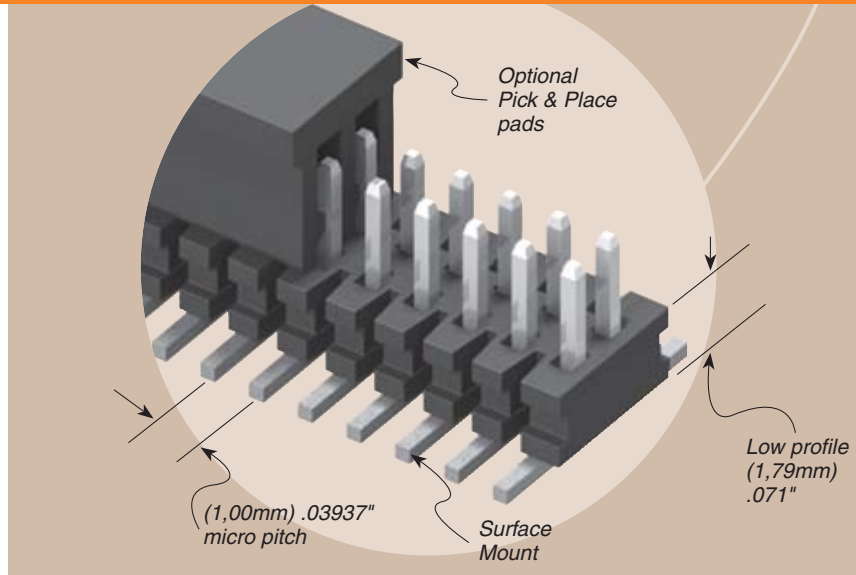
Yes

**-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)

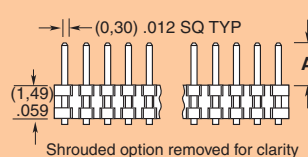
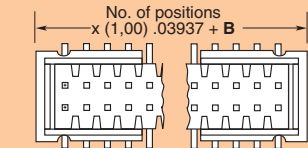
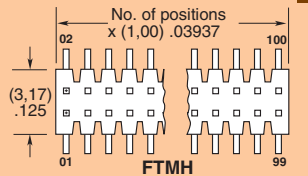
**FTMH**  
= 05 thru 50  
(-DV Row Option)

**-02**  
= (1,91) .075" Post  
(Mates with MLE)

**-03**  
= (1,65) .065" Post  
(Mates with CLM)

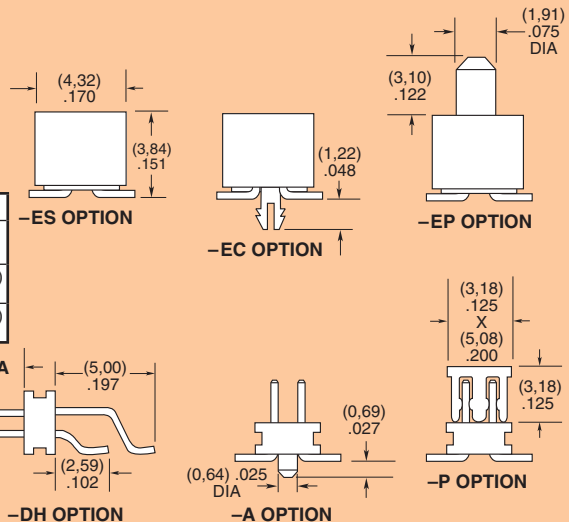
**-F**  
= Gold flash on post,  
Matte Tin on tail

**-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

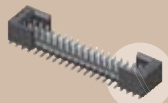


**Note:** Some lengths, styles and options are non-standard, non-returnable.

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

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

FTMH-122-02-F-DV-EC



FTMH-120-02-L-DV



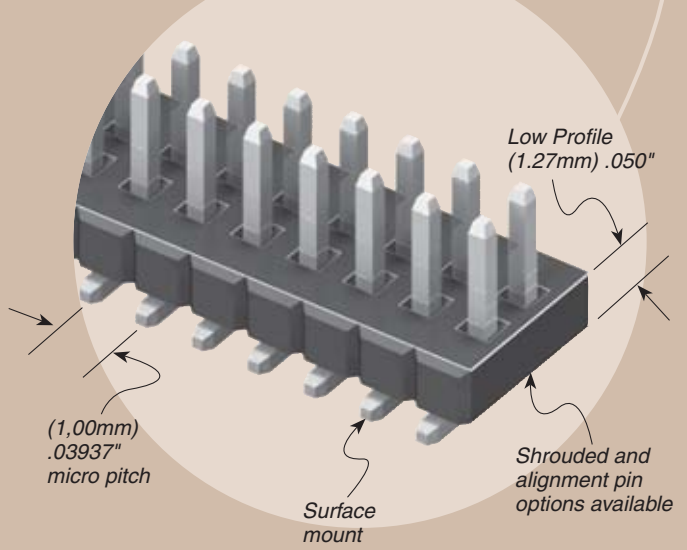
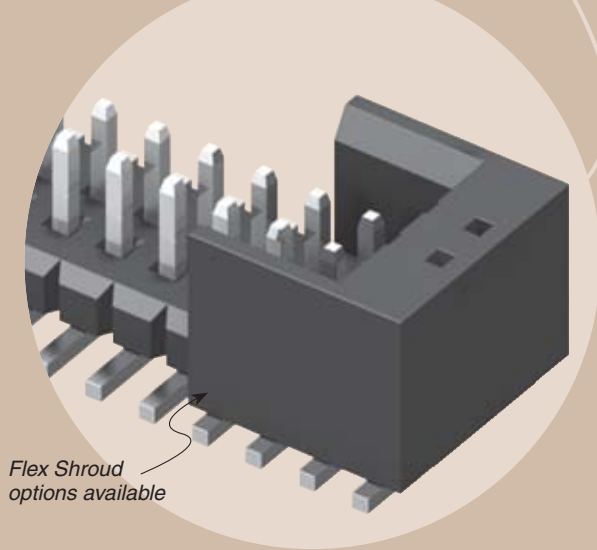
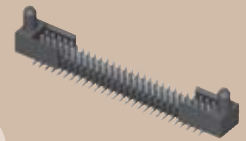
FTMH-135-02-F-DH



FTM-125-02-DV

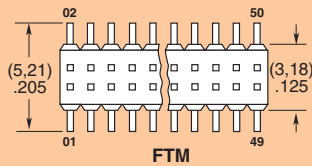


FTMH-128-02-L-DV-EP



**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 only)

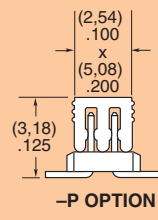
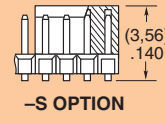
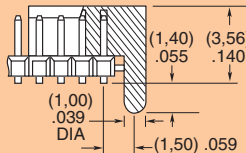
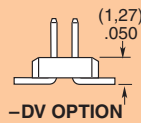
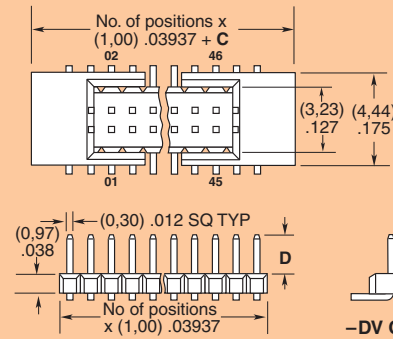
- S = End Shroud (05 positions minimum). Molded or press fit shroud at Samtec's discretion (See assembly print at [www.samtec.com?FTM](http://www.samtec.com?FTM) for dimensions)
- SA = End Shroud with Alignment Pins (05 through 46 positions)

**OTHER OPTIONS**

- A = Alignment Pin (3 positions minimum) Metal or plastic at Samtec discretion (FTMH-DV only)
- K = (2,50mm) .098" DIA Polyimide Film Pick & Place Pad (FTMH-DH only)
- P = Plastic Pick & Place Pad (-DV only) (6 positions minimum)
- TR = Tape & Reel

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

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



Shrouded options removed for clarity

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

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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329  
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 8890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600  
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109  
 Downloaded from Elcodis.com electro SAMTEC HONG KONG • Tel: 852-2600-9858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112