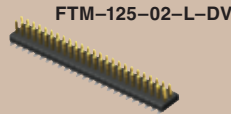
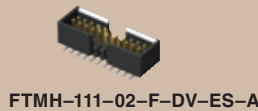




(1,00 mm) .0394"



FTMH-116-02-L-DV-P



# SMT MICRO TERMINAL 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/CLM):**  
2.8 A per pin  
(1 pin powered per row)  
**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)

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)

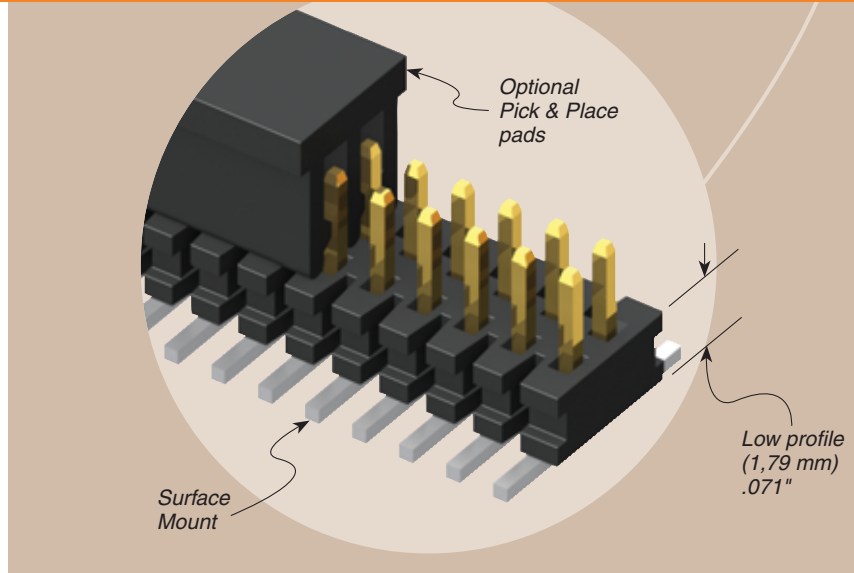


## ALSO AVAILABLE (MOQ Required)

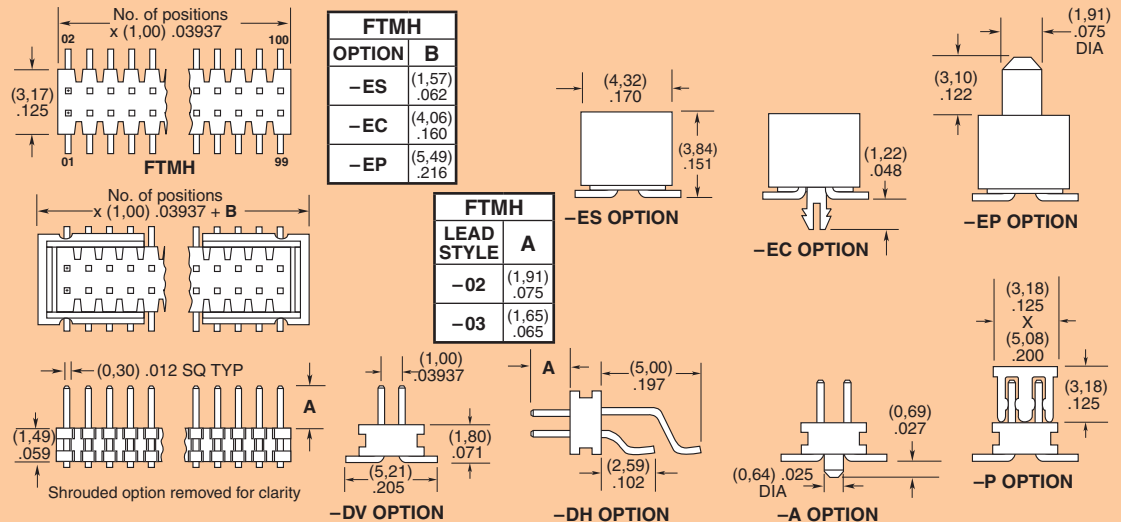
- End shrouds with board locks
  - Molded end shrouds for 05 through 08 positions
  - Other platings
- Contact Samtec.

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

Mates with:  
CLM, MLE



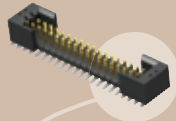
<b>TYPE STRIP</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>
<b>FTMH</b> = SMT Micro		<b>FTMH</b> = 05 thru 50	<b>-02</b> = (1,91 mm) .075" Post (Mates with MLE)	<b>-F</b> = Gold flash on post, Matte Tin on tail
<b>FTM</b> = Micro Low Profile		<b>FTM</b> = 02 thru 50 (unshrouded) = 05 thru 46 (shrouded)	<b>-03</b> = (1,65 mm) .065" Post (Mates with CLM)	<b>-L</b> = 10µ" (0,25 µm) Gold on post, Matte Tin on tail



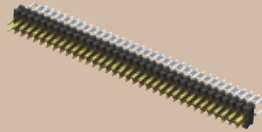
Due to technical progress, all designs, specifications and components are subject to change without notice.

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

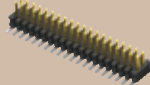
FTMH-122-02-F-DV-EC



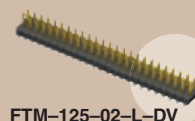
FTMH-135-02-F-DH



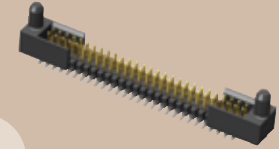
FTMH-120-02-L-DV



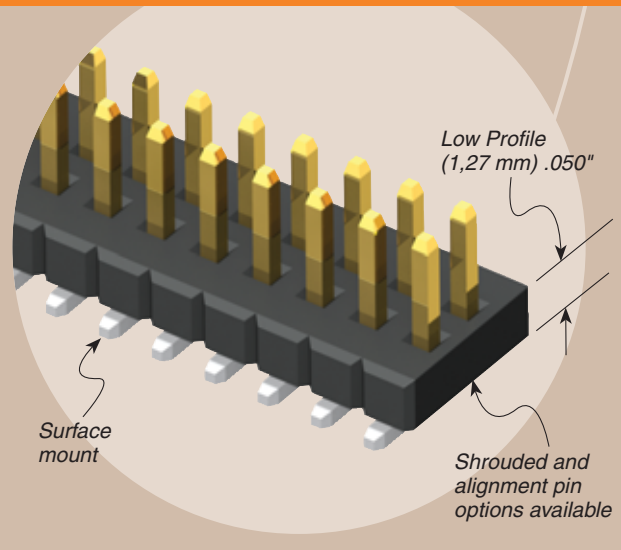
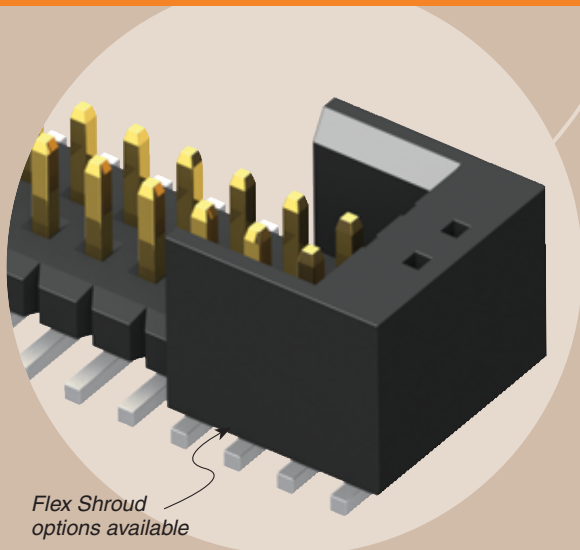
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP

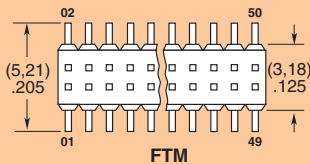


**FTMH, FTM SERIES**



**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)

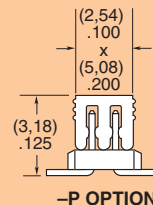
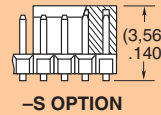
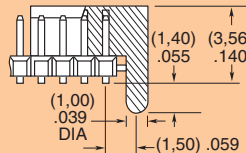
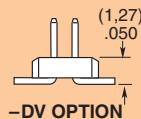
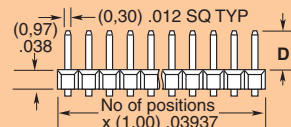
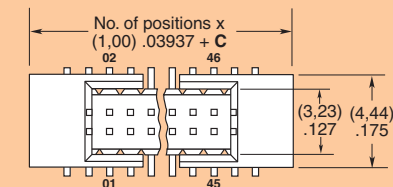
- SA = End Shroud with Alignment Pins (05 through 46 positions)

**OTHER OPTIONS**

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

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)