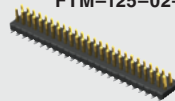


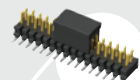


(1.00 mm) .0394"

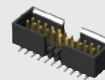
FTM-125-02-L-DV



FTMH-116-02-L-DV-P



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



# 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  
(2 pins powered)

**Operating Temp Range:**  
-55 °C to +125 °C

**Plating:**  
Sn or Au over  
50 μ" (1.27 μm) Ni  
**RoHS Compliant:**  
Yes

**Mates with:**  
CLM, MLE

## 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)\*  
\*(.004" stencil solution may be available; contact IPG@samtec.com)

## RECOGNITIONS

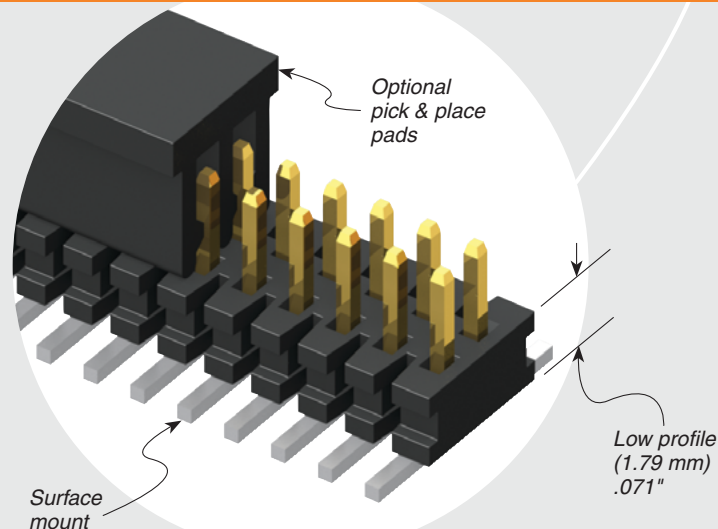
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## ALSO AVAILABLE (MOQ Required)

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

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



### TYPE STRIP

1

### NO. PINS PER ROW

**FTMH**  
= 05 thru 50

**FTM**  
= 02 thru 50 (unshrouded)  
= 05 thru 46 (shrouded)

### LEAD STYLE

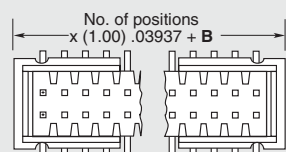
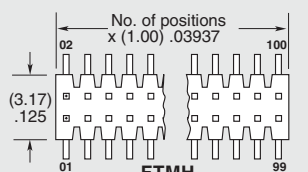
**-02**  
= (1.91 mm) .075" Post  
(Mates with MLE)

**-03**  
= (1.65 mm) .065" Post  
(Mates with CLM)

### PLATING OPTION

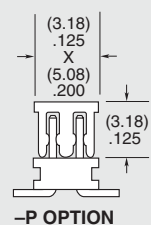
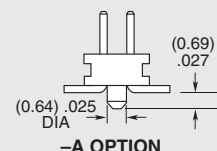
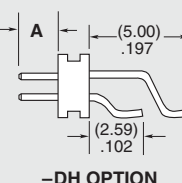
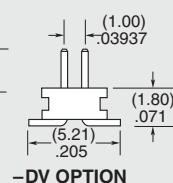
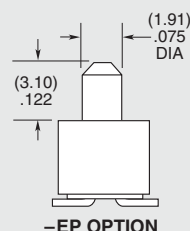
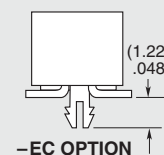
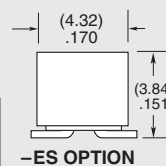
**-F**  
= Gold flash on post,  
Matte Tin on tail

**-L**  
= 10 μ" (0.25 μm)  
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

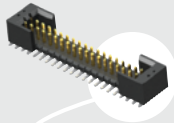


Due to technical progress, all designs, specifications and components are subject to change without notice.

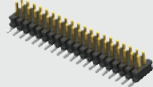
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.  
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

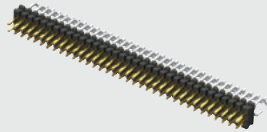
FTMH-122-02-F-DV-EC



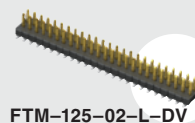
FTMH-120-02-L-DV



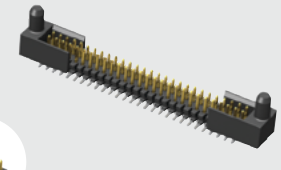
FTMH-135-02-F-DH



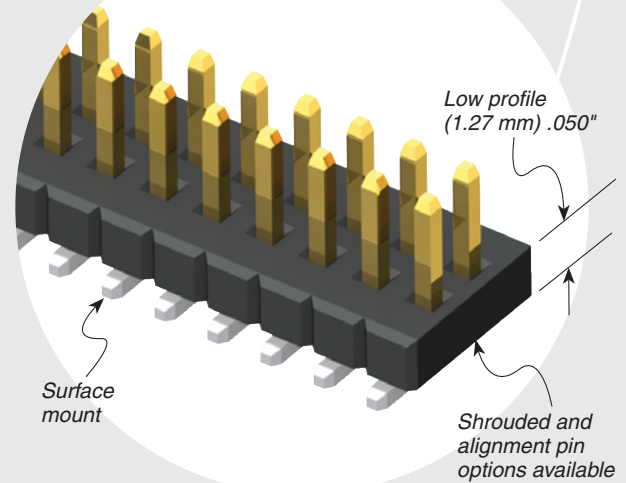
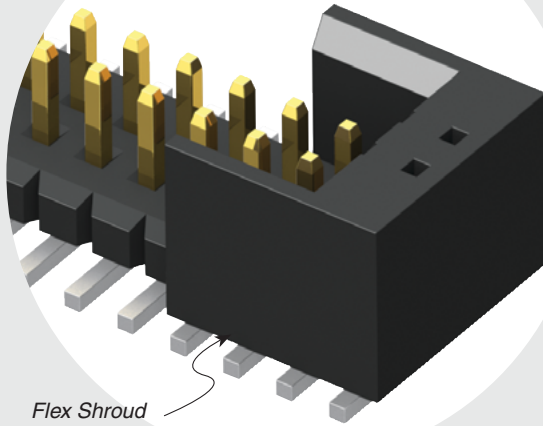
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP



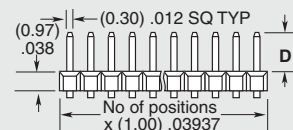
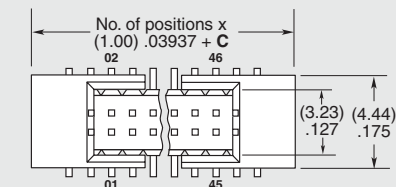
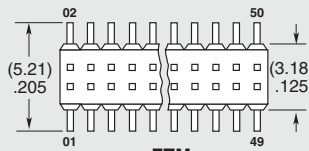
## FTMH, FTM SERIES



## ROW OPTION

**-DV**  
= Dual Vertical

**-DH**  
= Dual Horizontal (FTMH only)



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)

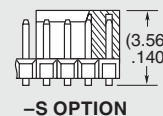
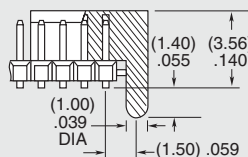
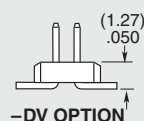
FTMH	
OPTION	C
-S	(7.00) .276
-SA	(4.00) .157

(FTMH only)

**-S**  
= End Shroud (05 positions minimum). Molded or press-fit shroud at Samtec's discretion (See assembly print at [www.samtec.com?FTMH](http://www.samtec.com?FTMH) for dimensions)

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

FTMH	
LEAD STYLE	D
-02	(1.91) .075
-03	(1.65) .065



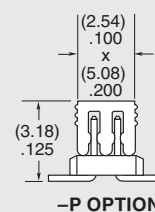
## OTHER OPTIONS

**-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 FTMH) (7 positions minimum FTM)

**-TR**  
= Tape & Reel



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