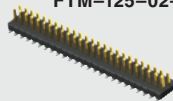


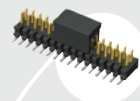


(1.00 mm) .0394"

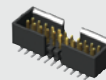
FTM-125-02-L-DV



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

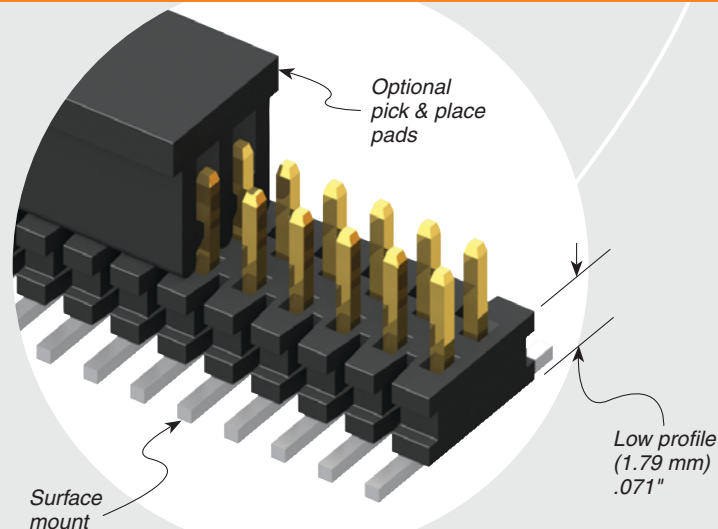
For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



## 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

### LEAD STYLE

### PLATING OPTION

**FTMH**  
= SMT Micro

**FTM**  
= Micro Low Profile

**FTMH**  
= 05 thru 50

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

**-02**

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

**-03**

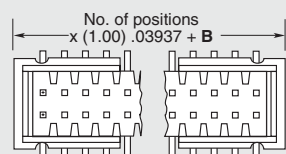
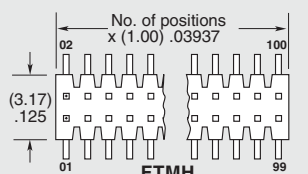
= (1.65 mm) .065" Post  
(Mates with CLM)

**-F**

= Gold flash on post,  
Matte Tin on tail

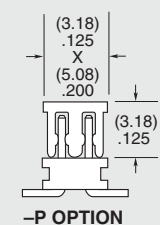
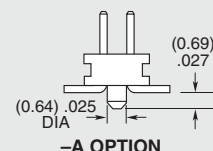
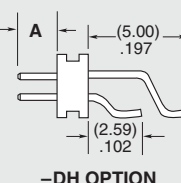
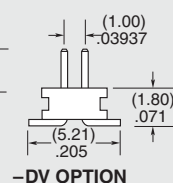
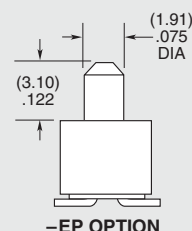
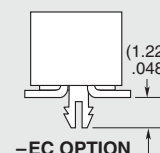
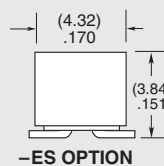
**-L**

= 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 |



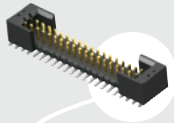
Due to technical progress, all designs, specifications and components are subject to change without notice.

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

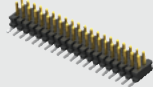
All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

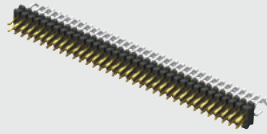
FTMH-122-02-F-DV-EC



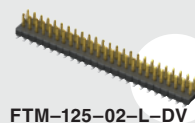
FTMH-120-02-L-DV



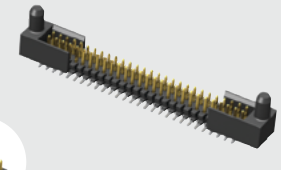
FTMH-135-02-F-DH



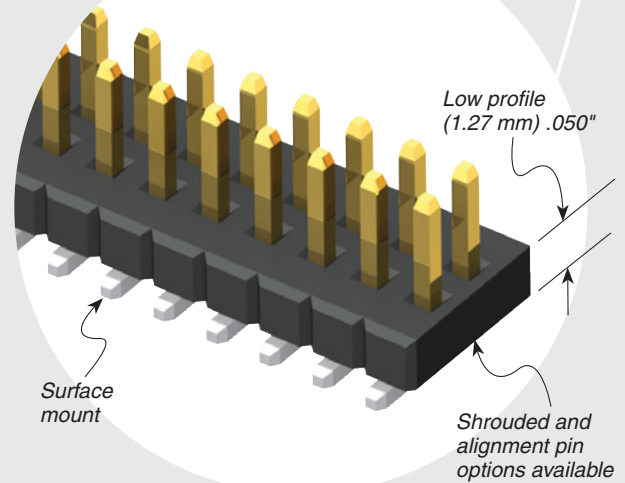
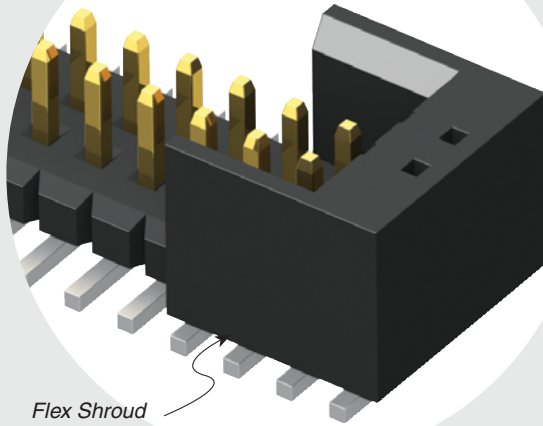
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP



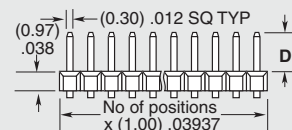
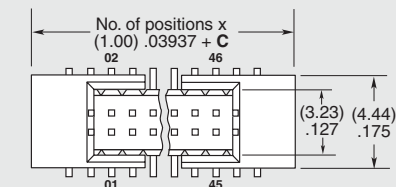
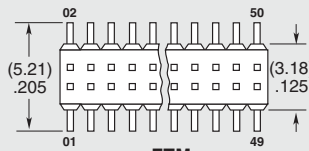
## FTMH, FTM SERIES



## 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)

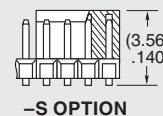
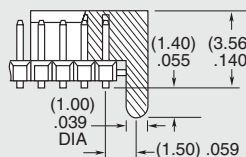
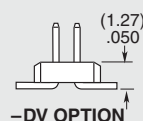
| FTMH   |             |
|--------|-------------|
| OPTION | C           |
| -S     | (7.00) .276 |
| -SA    | (4.00) .157 |

(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 |



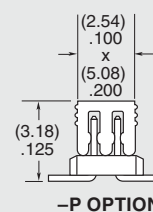
## OTHER OPTIONS

**-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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