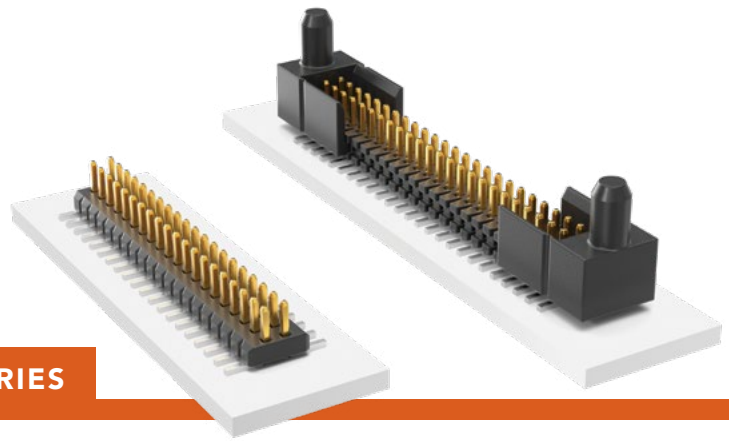


# SMT MICRO TERMINAL STRIPS

(1.00 mm) .0394" PITCH • FTMH/FTM SERIES



**FTMH**  
Mates:  
CLM, MLE

**FTM**  
Mates:  
CLM, MLE

| FTMH | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | ROW OPTION | FLEX SHROUD OPTION | OTHER OPTION |
|------|---|------------------|------------|----------------|------------|--------------------|--------------|
|------|---|------------------|------------|----------------|------------|--------------------|--------------|

05  
thru  
50

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

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

**-DV**  
= Dual  
Vertical

(-DV only with  
9 pins/row  
minimum)

**-A**  
= Alignment Pin  
(3 positions min.)  
Metal or plastic at  
Samtec discretion  
(-DV only)

**-ES**  
= End Shroud

**-EC**  
= End Shroud  
with Locking Clip  
(Manual placement  
required)

**-K**  
= (2.50 mm)  
.098" DIA  
Polyimide Film  
Pick & Place Pad  
(-DH only)

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

**-P**  
= Plastic Pick  
& Place Pad  
(6 positions min.)  
(-DV only)

**-TR**  
= Tape & Reel

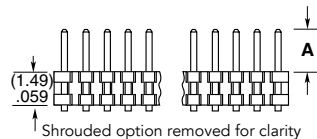
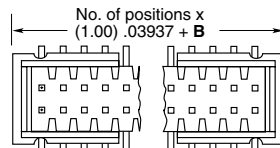
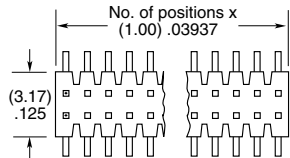
**-FR**  
= Full Reel  
Tape & Reel  
(must order max.  
quantity per reel;  
contact Samtec for  
quantity breaks)

## SPECIFICATIONS

**Insulator Material:**  
Black Liquid Crystal  
Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Sn or Au over  
50 μ" (1.27 μm) Ni  
**Current Rating (FTMH/CLM):**  
3.1 A per pin  
(2 pins powered)  
**Operating Temp Range:**  
-55 °C to +125 °C  
**Voltage Rating:**  
FTMH: 270 VAC

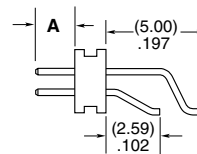
## PROCESSING

**Lead-Free Solderable:**  
Yes  
**SMT Lead Coplanarity:**  
-DV: (0.10 mm) .004" max  
-DH: (0.10 mm) .004" max (05-25)  
(0.15 mm) .006" max (26-50)\*  
\*(.004" stencil solution  
may be available; contact  
ipg@samtec.com)



| OPTION | B           |
|--------|-------------|
| -ES    | (1.57) .062 |
| -EC    | (4.06) .160 |
| -EP    | (5.49) .216 |

**-DV OPTION**



**-DH OPTION**

| LEAD STYLE | A           |
|------------|-------------|
| -02        | (1.91) .075 |
| -03        | (1.65) .065 |

| FTM | 1 | NO. PINS PER ROW | LEAD STYLE | PLATING OPTION | DV | FLEX SHROUD OPTION | OTHER OPTION |
|-----|---|------------------|------------|----------------|----|--------------------|--------------|
|-----|---|------------------|------------|----------------|----|--------------------|--------------|

02 thru 50  
= Unshrouded

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

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

**-S**  
= End Shroud  
(05 positions  
minimum).  
Molded or  
press-fit shroud  
at Samtec's  
discretion

**-P**  
= Plastic Pick  
& Place Pad  
(7 positions min.)

**-TR**  
= Tape & Reel

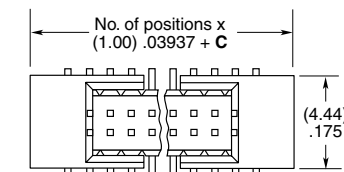
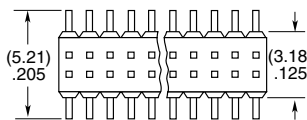
**-FR**  
= Full Reel  
Tape & Reel  
(must order max.  
quantity per reel;  
contact Samtec for  
quantity breaks)

05 thru 46  
= Shrouded

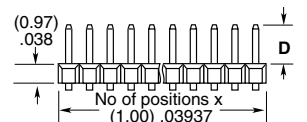
**-03**  
= (1.65 mm)  
.065" Post  
(Mates with CLM)

**-L**  
= 10 μ"  
(0.25 μm)  
Gold  
on post,  
Matte Tin  
on tail

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



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



Shrouded options removed for clarity

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

## ALSO AVAILABLE

MOQ Required

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



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

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