

(1.00 mm) .0394"

SMT MICRO TERMINAL STRIPS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FTMH or www.samtec.com?FTM

Insulator Material:
Black Liquid Crystal Polymer

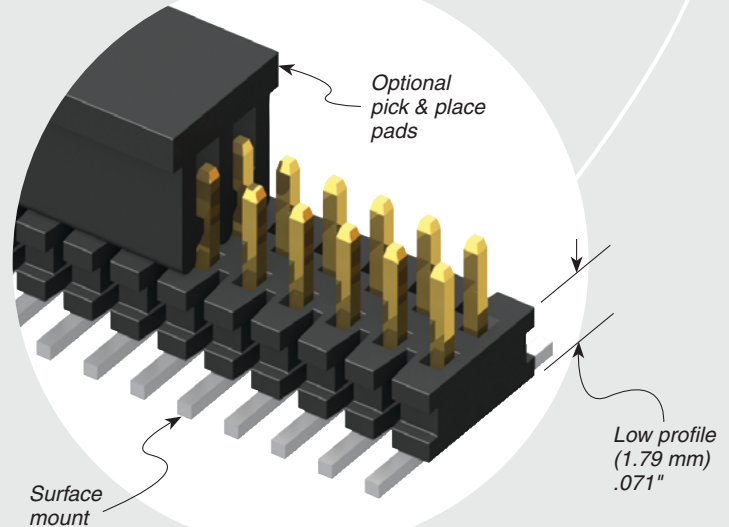
Terminal Material:
Phosphor Bronze

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 μm (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

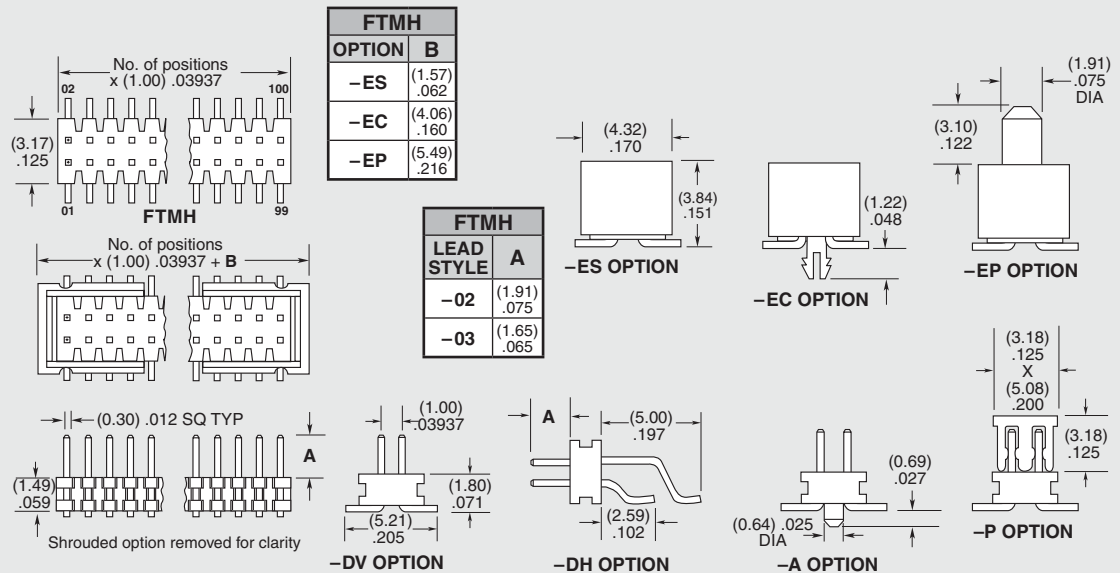


TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION
FTMH = SMT Micro		FTMH = 05 thru 50	-02 = (1.91 mm) .075" Post (Mates with MLE)	-F = Gold flash on post, Matte Tin on tail
FTM = Micro Low Profile		FTM = 02 thru 50 (unshrouded) = 05 thru 46 (shrouded)	-03 = (1.65 mm) .065" Post (Mates with CLM)	-L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail

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.

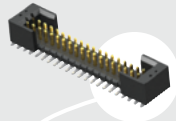


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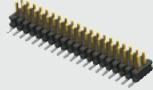
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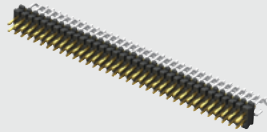
FTMH-122-02-F-DV-EC



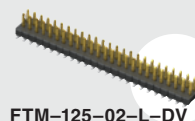
FTMH-120-02-L-DV



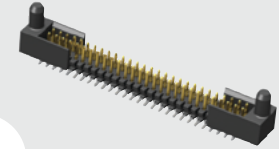
FTMH-135-02-F-DH



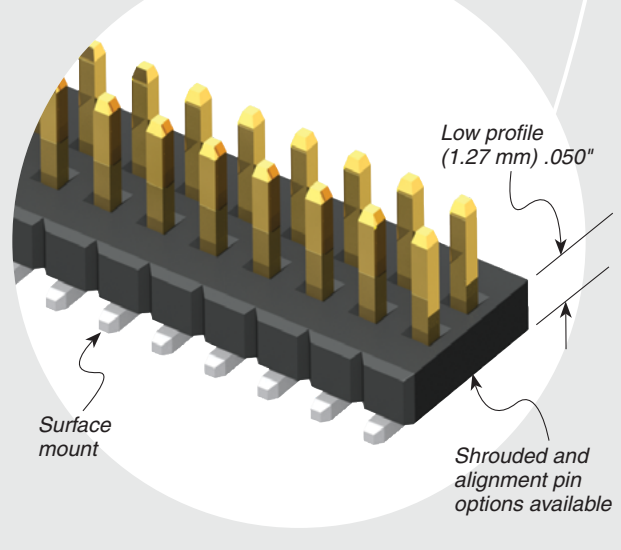
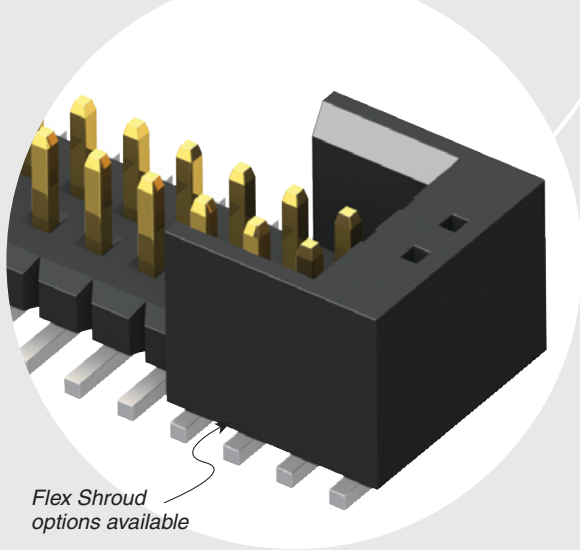
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP

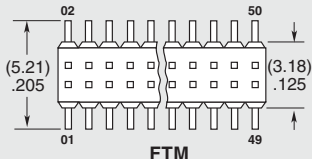


FTMH, FTM SERIES

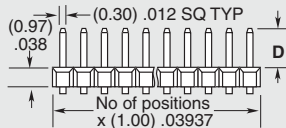
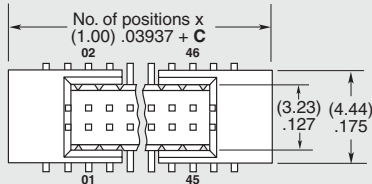


ROW OPTION

- DV = Dual Vertical
- DH = Dual Horizontal (FTMH only)



FTM



Shrouded options removed for clarity

FLEX SHROUD OPTIONS

(FTMH-DV only with 9 pins/row minimum)

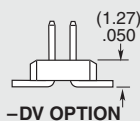
- ES = End Shroud
- EC = End Shroud with Locking Clip (Manual placement required)
- EP = End Shroud with Guide Post (Use only when mating with CLM)

(FTM only)

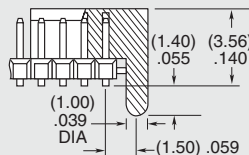
- S = End Shroud (05 positions minimum). Molded or press-fit shroud at Samtec's discretion (See assembly print at www.samtec.com?FTM for dimensions)
- SA = End Shroud with Alignment Pins (05 through 46 positions)

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

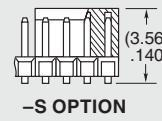
FTM	
LEAD STYLE	D
-02	(1.91) .075
-03	(1.65) .065



-DV OPTION



-SA OPTION



-S OPTION

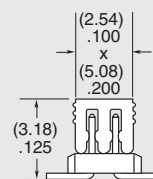
OTHER OPTIONS

-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



-P OPTION

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