



(1.00 mm) .0394"



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 or www.samtec.com?FTM

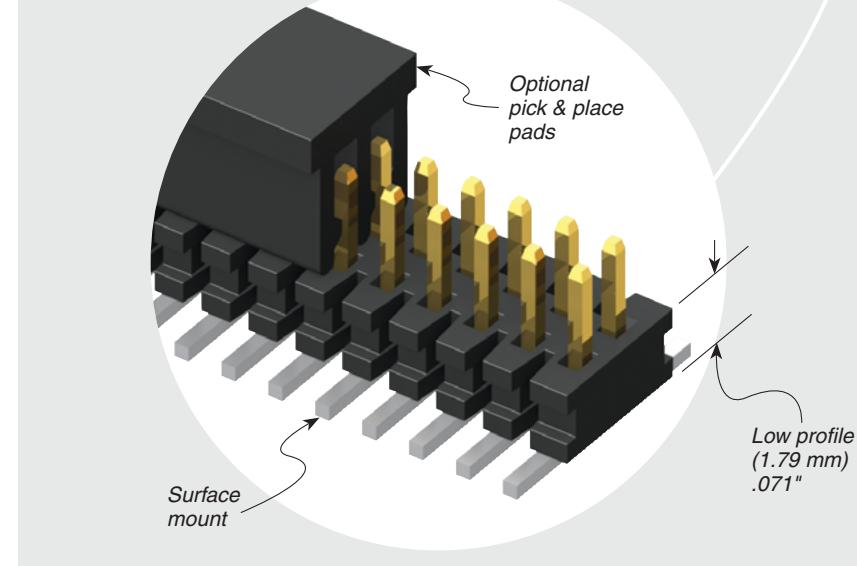
Insulator Material:
Black Liquid Crystal Polymer

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 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

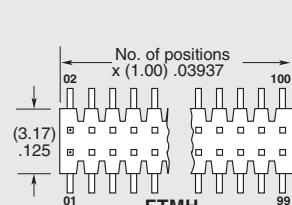
For complete scope of recognitions see www.samtec.com/quality



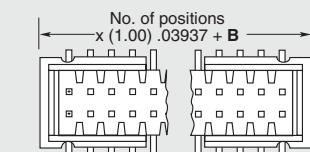
ALSO AVAILABLE (MOQ Required)

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

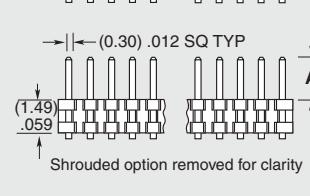
TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION
FTMH	FTMH	= 05 thru 50	-02	-F = Gold flash on post, Matte Tin on tail
FTM	FTM	= 02 thru 50 (unshrouded) = 05 thru 46 (shrouded)	-03	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail



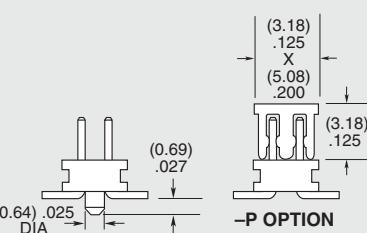
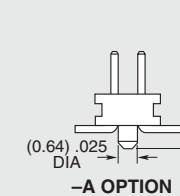
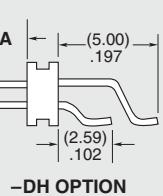
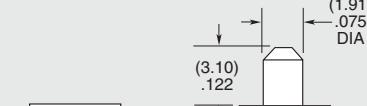
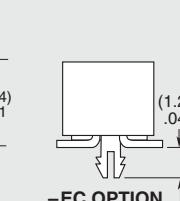
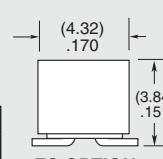
FTMH	OPTION	B
	-ES	(1.57) .062
	-EC	(4.06) .160
	-EP	(5.49) .216



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



-DV OPTION	(1.00)	.03937	(1.80)	.071
	(5.21)	.205	(2.59)	.102



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

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

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



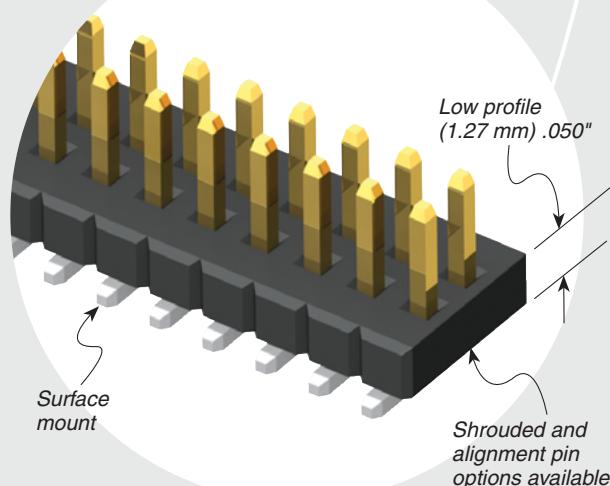
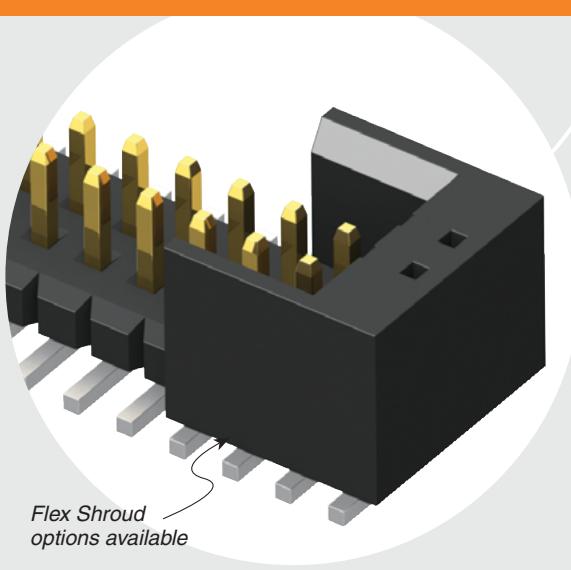
FTM-125-02-L-DV



FTMH-128-03-L-DV-EP

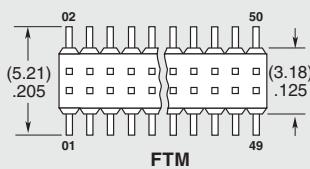


FTMH, FTM SERIES



ROW OPTION

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



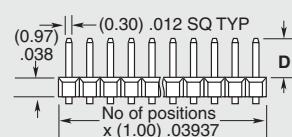
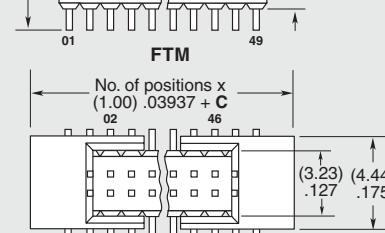
FLEX SHROUD OPTIONS

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

OTHER OPTIONS

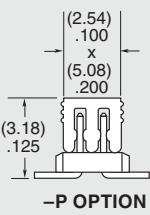
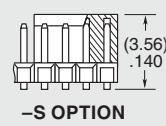
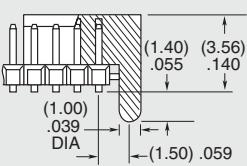
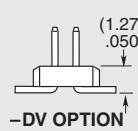
- A**
= Alignment Pin (3 positions minimum) Metal or plastic at Samtec discretion (FTMH-DV only)
- K**
= (2.50 mm) .098" DIA Polyimide Film Pick & Place Pad (FTMH-DH only)
- P**
= Plastic Pick & Place Pad (-DV only) (6 positions minimum FTMH) (7 positions minimum FTM)
- TR**
= Tape & Reel



Shrouded options removed for clarity

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

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



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