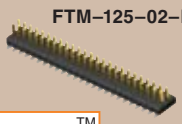
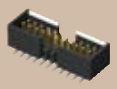
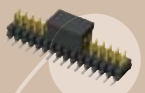
samtec


FTM–125–02–L–DV


FTMH–111–02–F–DV–ES–A


FTMH–116–02–L–DV–P

E.L.P.™ EXTENDED LIFE PRODUCT
10 year Mixed Flowing Gas with 30µ" Gold
Call Samtec for maximum cycles

(1,00 mm) .0394"

FTMH, FTM SERIES

SMT MICRO TERMINAL STRIPS

SPECIFICATIONS

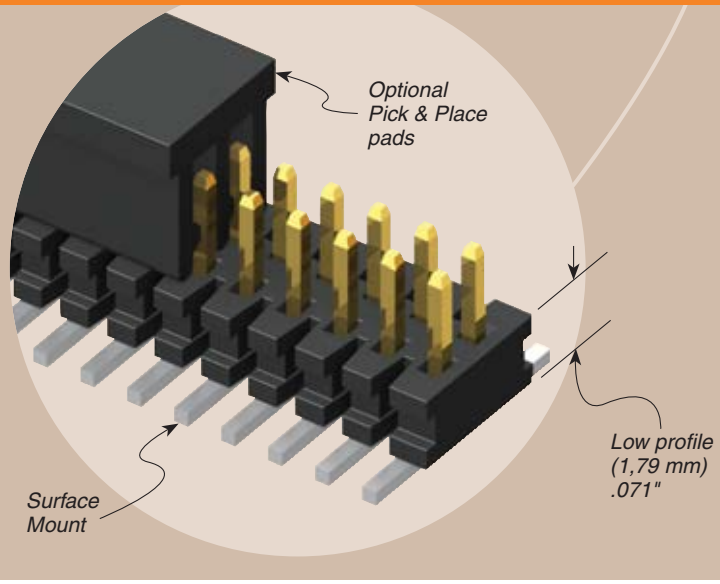
For complete specifications and recommended PCB layouts see www.samtec.com?FTMH or www.samtec.com?FTM

Insulator Material:
Black Liquid Crystal Polymer
FILE NO. E111594
Terminal Material:
Phosphor Bronze
Current Rating:
FTMH = 2.5A per contact @ 80°C ambient
FTM = 1.5A per contact @ 80°C ambient
Operating Temp Range:
-55°C to +125°C
Plating:
Sn or Au over 50µ" (1,27 µm) Ni
RoHS Compliant:
Yes

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)

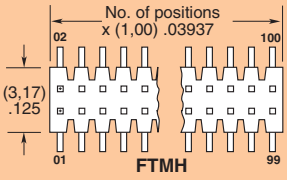
Mates with:
CLM, MLE



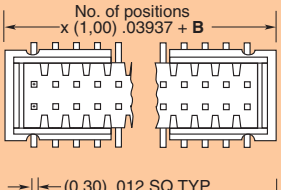
APPLICATION SPECIFIC OPTION

End shrouds with board locks available. Molded end shrouds available for 05 through 08 positions. Call Samtec.

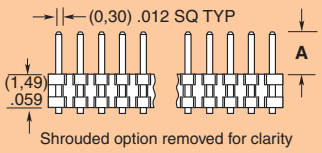
TYPE STRIP	– 1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–
FTMH = SMT Micro **FTM** = Micro Low Profile		**FTMH** = 05 thru 50 **FTM** = 02 thru 50 (unshrouded) = 05 thru 46 (shrouded)		**–02** = (1,91 mm) .075" Post (Mates with MLE) **–03** = (1,65 mm) .065" Post (Mates with CLM)		**–F** = Gold flash on post, Matte Tin on tail **–L** = 10µ" (0,25 µm) Gold on post, Matte Tin on tail	

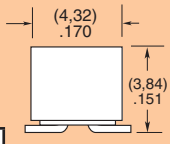


FTMH	
OPTION	B
–ES	(1,57) .062
–EC	(4,06) .160
–EP	(5,49) .216

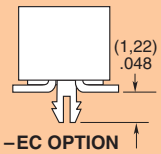


FTMH	
LEAD STYLE	A
–02	(1,91) .075
–03	(1,65) .065

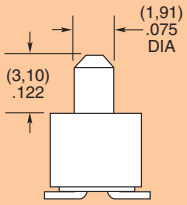




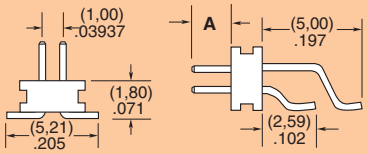
–ES OPTION



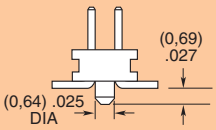
–EC OPTION



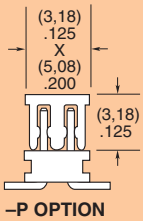
–EP OPTION



–DV OPTION
–DH OPTION



–A OPTION



–P OPTION

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

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

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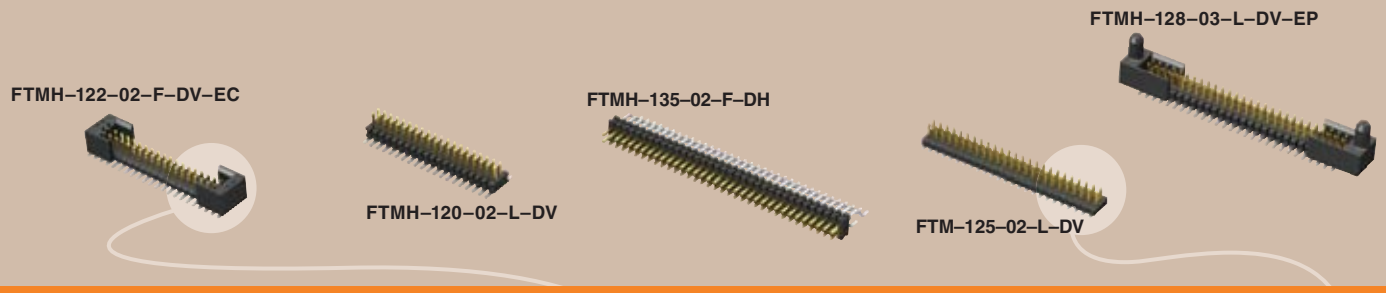
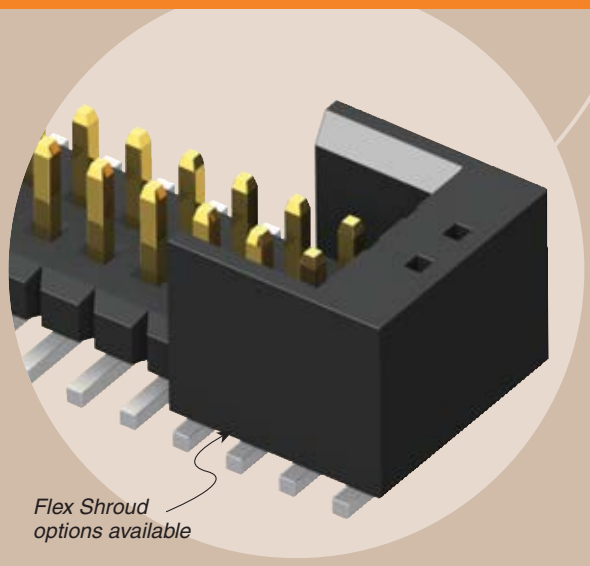
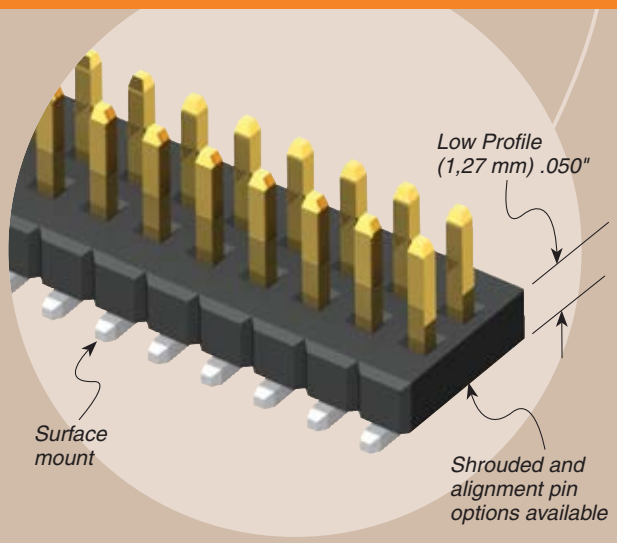






ROW OPTION

–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)

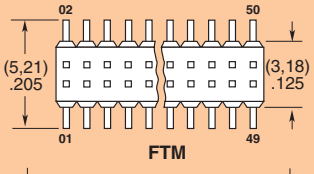
OTHER OPTIONS

–A
= Alignment Pin
(3 positions minimum)
Metal or plastic at Samtec discretion
(FTMH–DV only)

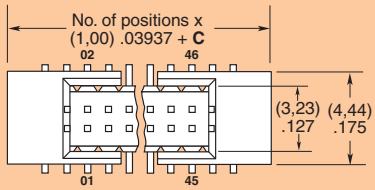
–K
= (2,50 mm) .098" DIA Polyimide
Film Pick & Place Pad
(FTMH–DH only)

–P
= Plastic Pick & Place Pad
(–DV only)
(6 positions minimum)

–TR
= Tape & Reel

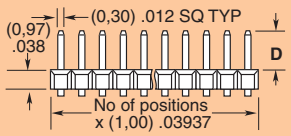


FTM

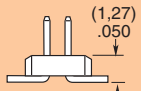


FTM	
OPTION	C
–S	(7,00) .276
–SA	(4,00) .157

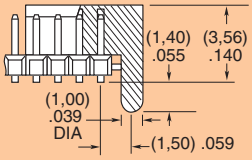
FTM	
LEAD STYLE	D
–02	(1,91) .075
–03	(1,65) .065



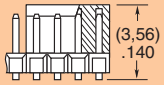
Shrouded options removed for clarity



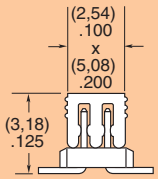
–DV OPTION



–SA OPTION



–S OPTION



–P OPTION

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