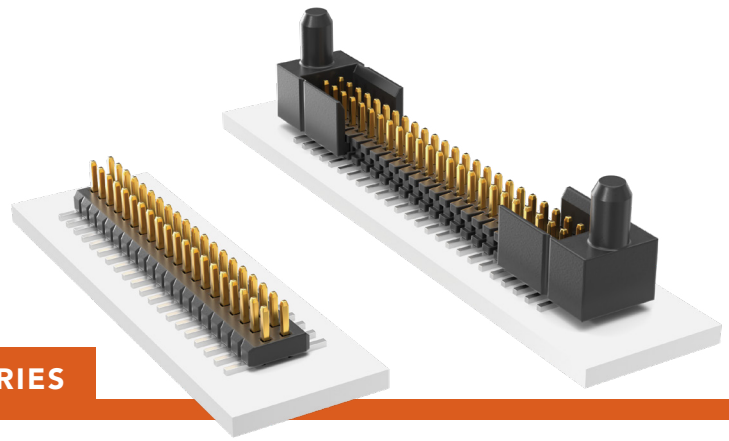


SMT MICRO TERMINAL STRIPS

(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
------	---	------------------	------------	----------------	------------	--------------------	--------------

02
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)

-ES
= End Shroud

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

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

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

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

-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

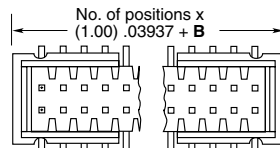
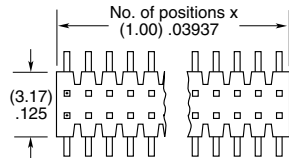
Current Rating (FTMH/CLM):

3.1 A per pin
(2 pins powered)

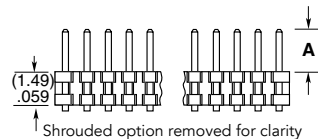
Operating Temp Range:
-55 °C to +125 °C

Voltage Rating:

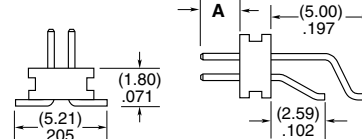
FTMH: 270 VAC /302 VDC



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

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)

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

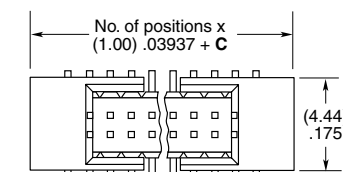
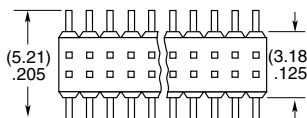
-FR
= Full Reel
Tape & Reel
(must order max. quantity per reel; contact Samtec for quantity breaks)

05 thru 46
= Shrouded

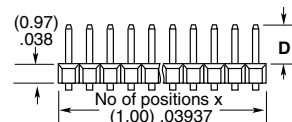
-03
= (1.65 mm)
.065" Post
(Mates with CLM)

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

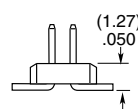
-SA
= End Shroud with Alignment Pins
(05 through 46 positions)



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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

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[FTMH-109-02-L-DH](#) [FTMH-120-03-F-DV-ES-A](#) [FTMH-113-03-L-DV](#) [FTMH-125-02-F-DH](#) [FTMH-110-03-L-DH](#)
[FTMH-105-02-L-DH](#) [FTMH-105-02-L-DV](#) [FTMH-105-03-L-DH](#) [FTMH-105-03-L-DV](#) [FTMH-118-02-F-DH](#) [FTMH-150-](#)
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[FTMH-106-03-F-DH-TR](#) [FTMH-110-02-F-DH-K-TR](#) [FTMH-109-02-L-DV-A](#) [FTMH-104-03-L-DV](#) [FTMH-110-03-F-DH-K-](#)
[TR](#) [FTMH-106-03-F-DH](#) [FTMH-106-03-F-DV-ES-A](#) [FTMH-106-03-L-DV](#) [FTMH-103-03-F-DV](#) [FTMH-104-03-L-DV-TR](#)
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[FM-DV-A-P-TR](#) [FTMH-107-02-F-DV-P-TR](#) [FTMH-107-03-LM-DV-ES-A](#) [FTMH-106-03-F-DV-ES](#) [FTMH-105-02-L-DV-](#)
[ES-TR](#) [FTMH-105-02-L-DH-K](#) [FTMH-107-03-L-DV-ES-A](#) [FTMH-107-02-L-DV-A-P-TR](#) [FTMH-105-02-F-DV-TR](#) [FTMH-](#)
[110-02-L-DV-ES-A-TR](#) [FTMH-110-03-F-DH-TR](#) [FTMH-107-03-L-DV-A](#) [FTMH-107-03-LM-DV-ES-A-P-TR](#) [FTMH-120-](#)
[03-F-DV-P-TR](#) [FTMH-105-03-F-DV](#) [FTMH-106-03-L-DH-K-TR](#) [FTMH-103-02-L-DV](#) [FTMH-113-03-F-DH](#) [FTMH-116-](#)
[03-F-DH-K-TR](#) [FTMH-107-03-F-DV-ES-P-TR](#) [FTMH-108-02-L-DV-A](#) [FTMH-109-03-L-DH-K-TR](#) [FTMH-110-03-F-DH](#)
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[03-LM-DV-P-TR](#) [FTMH-116-03-F-DH-TR](#) [FTMH-110-03-L-DV-ES-A-P-TR](#) [FTMH-115-03-F-DV-A](#) [FTMH-107-02-L-DV-](#)
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[03-F-DV-A-P-TR](#) [FTMH-103-02-F-DV-A](#) [FTMH-106-03-F-DV-P-TR](#) [FTMH-107-03-L-DV-ES-A-P-TR](#) [FTMH-120-03-](#)
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[FTMH-126-03-L-DV](#) [FTMH-127-02-F-DV](#) [FTMH-132-02-F-DV-ES-P-TR](#) [FTMH-135-02-LM-DV-EC-A](#) [FTMH-135-03-](#)
[FM-DH](#) [FTMH-137-03-H-DV-EC-P-TR](#) [FTMH-102-02-L-DV](#) [FTMH-103-02-F-DV-A-TR](#) [FTMH-105-02-FM-DV](#) [FTMH-](#)
[106-02-L-DV-ES-A](#) [FTMH-107-03-G-DV](#)