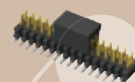
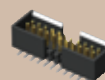
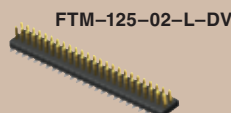


(1,00 mm) .0394"



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

2.8 A per pin
(1 pin powered per row)

Operating Temp Range:
-55°C to +125°C

Plating:
Sn or Au over

RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes

-DV Lead Coplanarity:
(0.10 mm) .004" max

(0,10 mm) .004" max
-DH Lead Coplanarity:

(0,10 mm) .004" max (05-25)
(0,15 mm) .006" max (26-50)

RECOGNITIONS

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

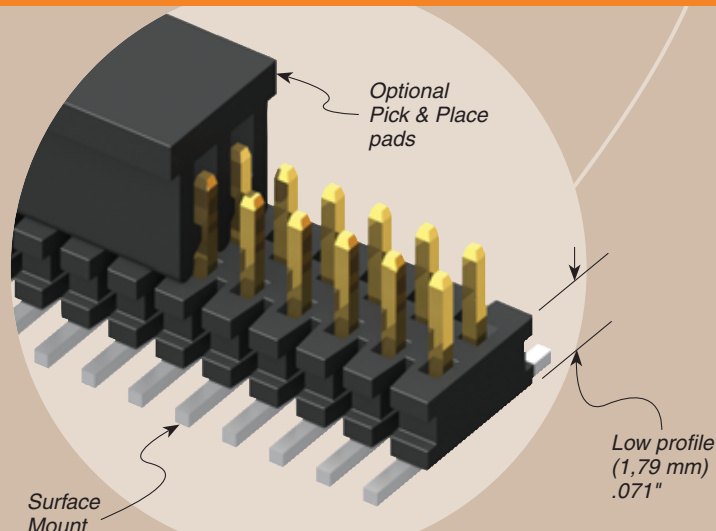


ALSO AVAILABLE
(MOQ Required)

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

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

Mates with:
CLM, MLE



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

Diagram of FTMH component showing pin counts (02 to 100) and dimensions (3,17) .125.

FTMH

Diagram of FTM component showing pin counts (01 to 99) and dimensions (0,30) .012 SQ TYP.

No. of positions
x (1,00) .03937 + B

Diagram of FTM component showing pin counts (01 to 99) and dimensions (1,49) .059. Shrouded option removed for clarity.

Shrouded option removed for clarity

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

Diagram of -ES OPTION component showing dimensions (4,32) .170 and (3,84) .151.

-ES OPTION

Diagram of -EC OPTION component showing dimensions (1,22) .048 and (0,64) .025 DIA.

-EC OPTION

Diagram of -EP OPTION component showing dimensions (1,91) .075 DIA and (3,10) .122.

-EP OPTION

Diagram of -DV OPTION component showing dimensions (1,00) .03937 and (1,80) .071.

-DV OPTION

Diagram of -DH OPTION component showing dimensions (5,00) .197 and (2,59) .102.

-DH OPTION

Diagram of -A OPTION component showing dimensions (0,69) .027 and (0,64) .025 DIA.

-A OPTION

Diagram of -P OPTION component showing dimensions (3,18) .125 X (5,08) .200 and (3,18) .125.

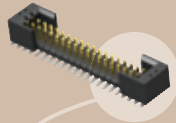
-P OPTION

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

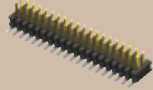
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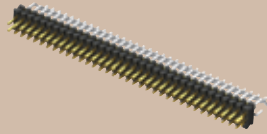
FTMH-122-02-F-DV-EC



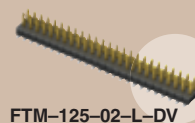
FTMH-120-02-L-DV



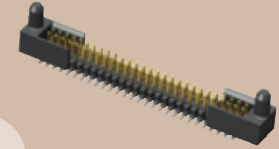
FTMH-135-02-F-DH



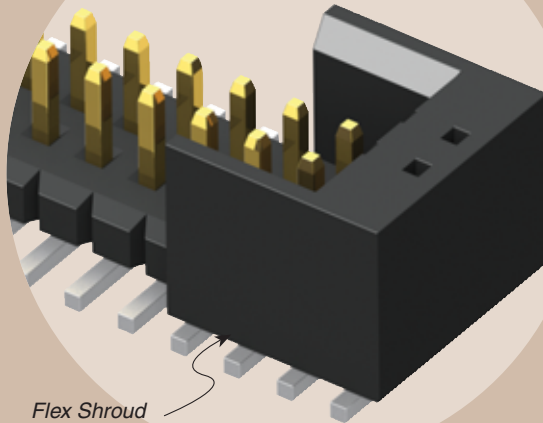
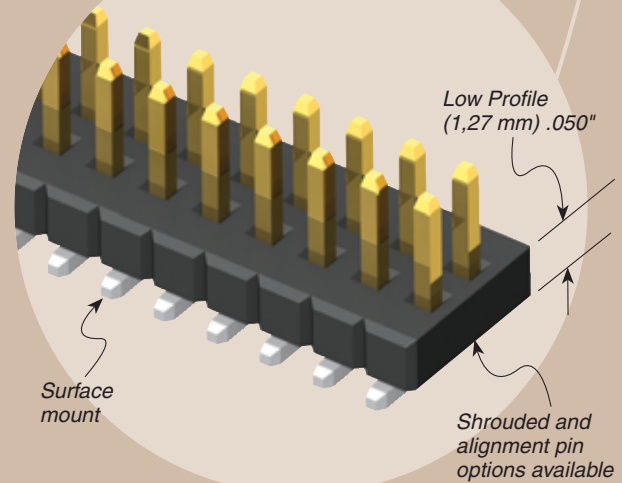
FTMH-125-02-L-DV



FTMH-128-03-L-DV-EP



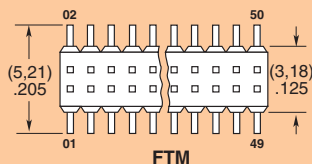
FTMH, FTM SERIES

Flex Shroud
options availableLow Profile
(1,27 mm) .050"Surface
mountShrouded and
alignment pin
options availableROW
OPTION

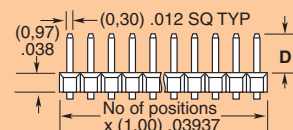
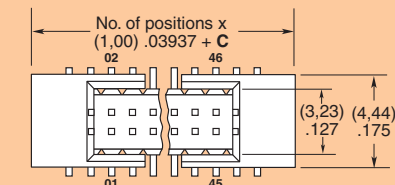
-DV

= Dual Vertical

-DH

= Dual Horizontal
(FTMH only)

FTMH



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)

FTMH	
OPTION	C
-S	(7,00) .276
-SA	(4,00) .157

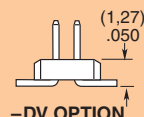
FTMH	
LEAD STYLE	D
-02	(1,91) .075
-03	(1,65) .065

(FTMH only)

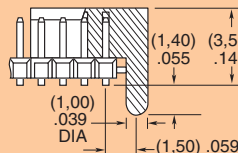
-S

= End Shroud
(05 positions minimum).
Molded or press fit shroud at
Samtec's discretion
(See assembly print at
www.samtec.com?FTM
for dimensions)

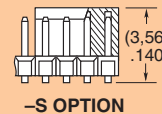
-SA

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

-DV OPTION



-SA OPTION



-S OPTION

OTHER
OPTIONS

-A

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

-K

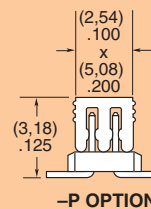
= (2,50 mm) .098" DIA Polyimide
Film Pick & Place Pad
(FTMH-DH only)

-P

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

-TR

= Tape & Reel



-P OPTION

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