



(1,00mm) .03937"

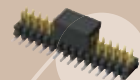
FTMH, FTM SERIES



FTM-125-02-L-DV



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 = 2.5A @ 80°C ambient

FTM = 1.5A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

Plating:

Sn or Au over

50µ" (1,27µm) Ni

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

-DV Lead Coplanarity:

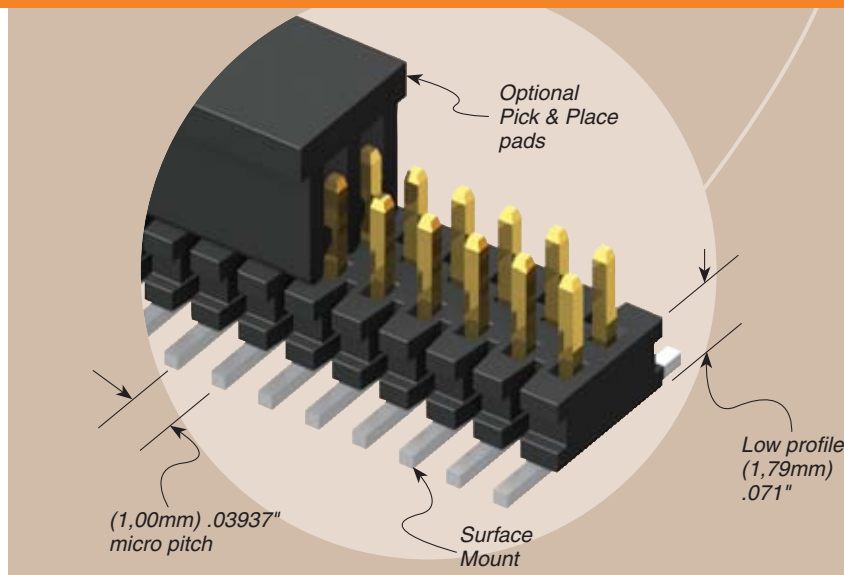
(0,10mm) .004" max

-DH Lead Coplanarity:

(0,10mm) .004" max (05-25)

(0,15mm) .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) .075" Post
(Mates with MLE)

-03

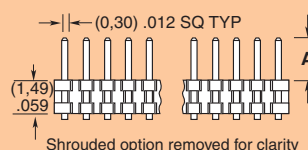
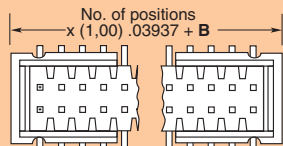
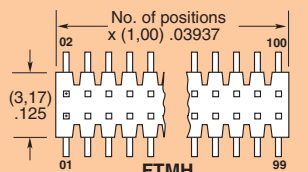
= (1,65) .065" Post
(Mates with CLM)

-F

= Gold flash on post,
Matte Tin on tail

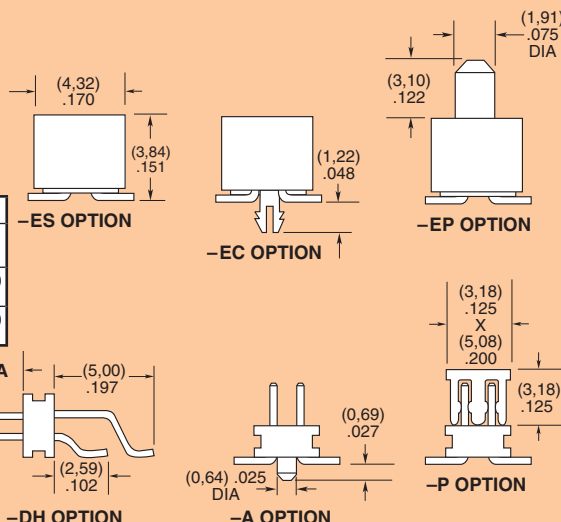
-L

= 10µ" (0,25µm) 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



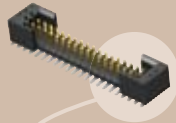
Note: Some lengths, styles and options are non-standard, non-returnable.

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

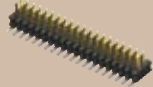
WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTH CAROLINA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9560 0683

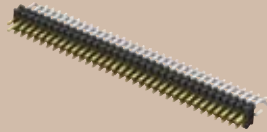
FTMH-122-02-F-DV-EC



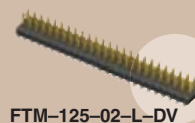
FTMH-120-02-L-DV



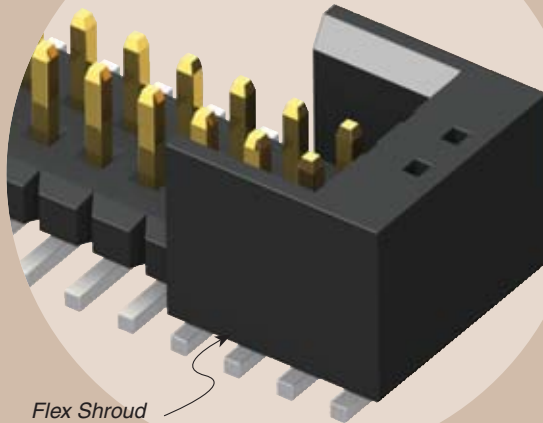
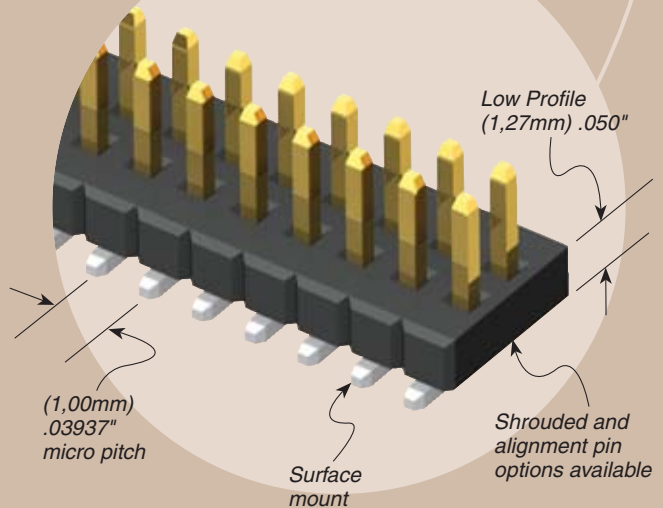
FTMH-135-02-F-DH



FTM-125-02-L-DV



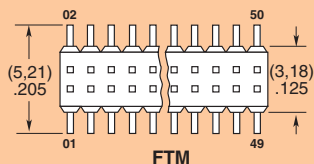
FTMH-128-03-L-DV-EP

Flex Shroud
options availableLow Profile
(1,27mm) .050"(1,00mm)
.03937"
micro pitchSurface
mountShrouded and
alignment pin
options availableROW
OPTION

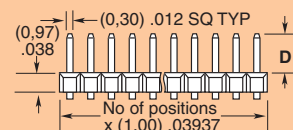
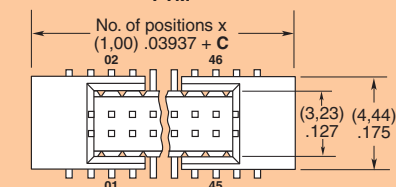
-DV

= 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

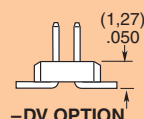
= End Shroud with Locking Clip
(Manual placement required)

-EP

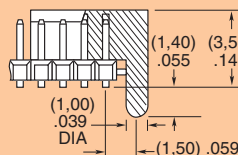
= End Shroud with Guide Post
(Use only when mating with CLM)

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

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



-DV OPTION



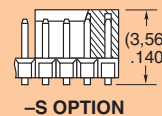
-SA OPTION

(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)

-S OPTION

OTHER
OPTIONS

-A

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

-K

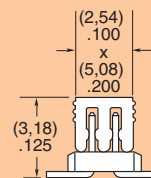
= (2,50mm) .098" DIA Polyimide
Film Pick & Place Pad
(FTMH-DH only)

-P

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

-TR

= Tape & Reel



-P OPTION

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

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
 SAMTEC ISRAEL • Tel: 972-3-7526600 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-6083 3766
 SAMTEC TAIWAN • Tel: 886-2-2735-6109 SAMTEC HONG KONG • Tel: 852-26904858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9580 0683