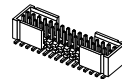




FTMH-125-02-L-DV



FTMH-116-02-F-DV-ES



Surface
SMT
Mount

1mm MICRO HEADERS FTMH, FTM SERIES

SPECIFICATIONS

Materials:

Insulator Material: Black Liquid Crystal Polymer

Terminal Material: Phosphor Bronze

Current Rating: 1.5A @ 80°C ambient

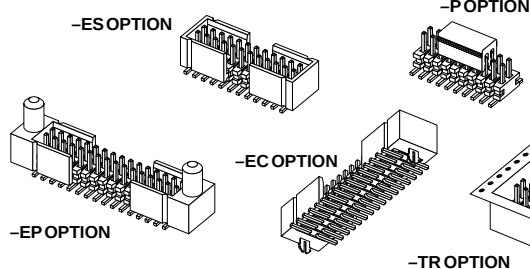
Operating Temp Range: -65°C to +125°C

Plating: Sn or Au over 50µ" (1.27µm) Ni

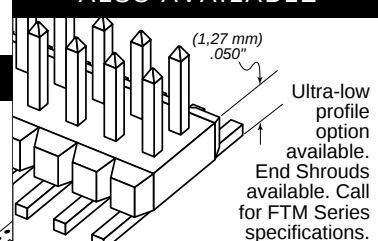
Note: Some lengths, styles and options are non-standard, non-returnable.

Mates with:
CLM, MLE

OPTIONS



ALSO AVAILABLE



Ultra-low profile option available. End Shrouds available. Call for FTM Series specifications.

APPLICATION SPECIFIC OPTION

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

Processing:

Max Processing Temp: 230°C for 60 seconds

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

-DH Lead Coplanarity: (0.10mm) .004" max (05-25)

(0.15mm) .006" max (26-50)

Suggested Paste Thickness:

For most applications add (0.05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:

Your specific layout may vary

TYPE STRIP

1

NO. PINS PER ROW

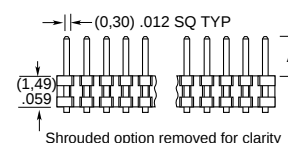
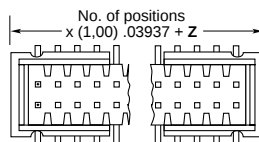
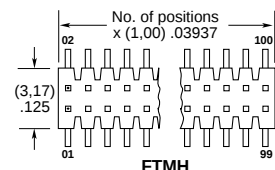
LEAD STYLE

FTMH = Standard Strip
FTM = Low Profile Strip

05 thru 50

-02
= (1.91) .075" Post
(Mates with MLE)

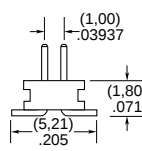
-03
= (1.65) .065" Post
(Mates with CLM)



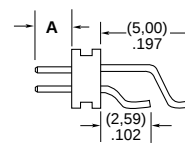
Shrouded option removed for clarity

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

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



-DV OPTION



-DH OPTION

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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 • Fax: 812-948-5047 SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299

SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61 SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315

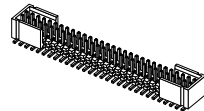
SAMTEC ASIA PACIFIC • Tel: 65-745-5955 • Fax: 65-841-1502 SAMTEC CHINA • Tel: 86-21-5385-4089 • Fax: 86-21-5385-4047 SAMTEC JAPAN • Tel: 81-424-42-8318 • Fax: 81-424-42-8319

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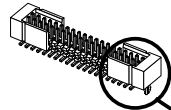
FTMH-110-02-L-DV-P



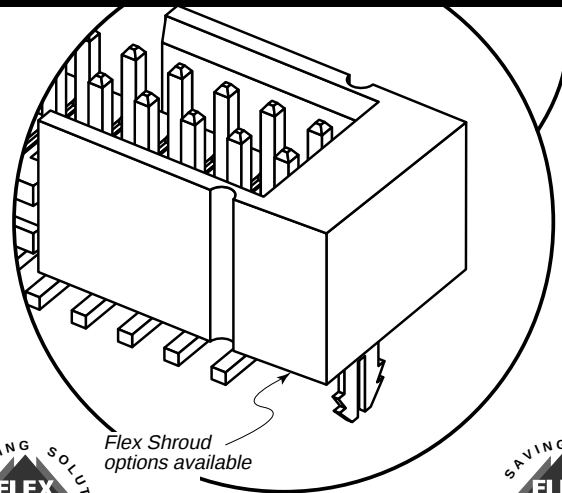
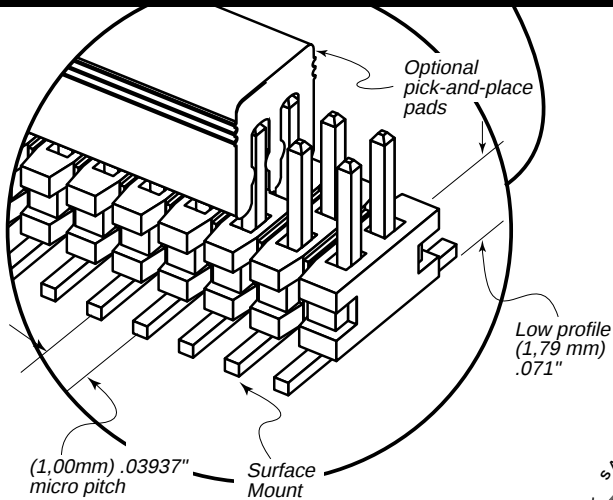
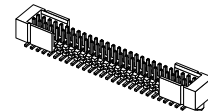
FTMH-130-02-L-DV-ES



FTMH-120-02-F-DV-EC



FTMH-128-02-L-DV-EP



PLATING OPTION

-F

= Gold flash on post, 75μ" (1,91μm) Tin on tail

-L

= 10μ" (0,25μm) Gold on post 75μ" (1,91μm) Tin on tail

ROW OPTION

-DV

= Dual Vertical

-DH

= Dual Horizontal (FTMH only)

FLEX SHROUD OPTIONS (FTMH -DV only) 9 pins/row minimum

-ES

= End Shroud

-EC

= End Shroud with Locking Clip

-EP

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

OTHER OPTIONS

-A

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

-K

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

-M

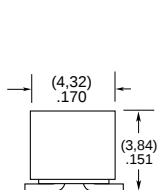
= Metal Pick & Place Pad (-DV only) (8 positions minimum)

-P

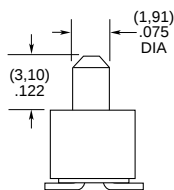
= Plastic Pick & Place Pad (-DV only) (7 positions minimum)

-TR

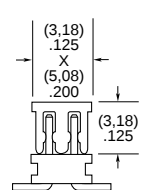
= Tape & Reel



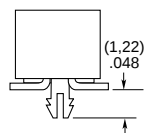
-ES OPTION



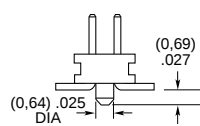
-EP OPTION



-P OPTION



-EC OPTION



-A OPTION

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