

FTSH-125-01-L-DV-EJ



FTSH-110-01-L-DV

FTSH-120-02-F-DV

Surface
SMT
Mount

T/H
Page 134

.050" MICRO HEADER FTSH SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FTSH

Insulator Material:
Black Liquid Crystal Polymer



Terminal Material:
Phosphor Bronze

Current Rating:
1.75A @ 80°C ambient

Operating Temp Range:
-65°C to +125°C

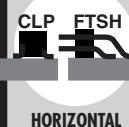
Plating:
Sn or Au over 50µ" (1,27µm) Ni

Note:
See SFM/TFM for positive alignment feature.

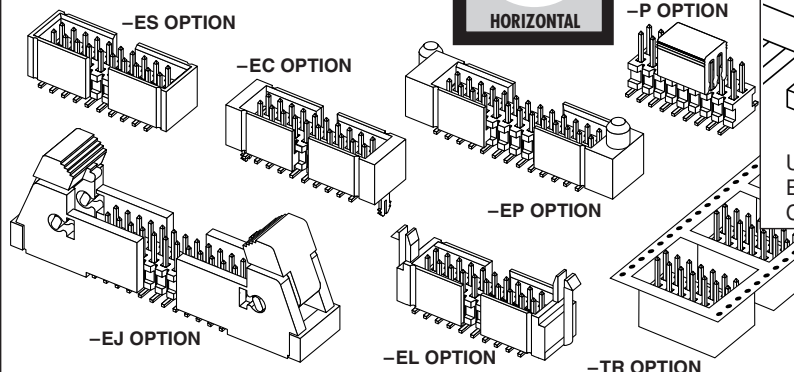
Note: Some sizes, styles and options are non-standard, non-returnable.

Mates with:
FFSD, CLP, FLE, SFMC, SFMH

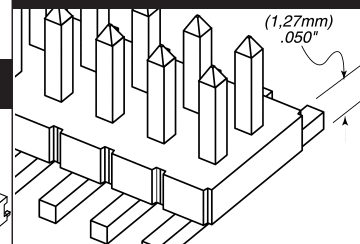
APPLICATIONS



OPTIONS



ALSO AVAILABLE



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

APPLICATION SPECIFIC OPTION

Molded pick-and-place pads, latches, single row option and straddle mount leads available.
Call Samtec.

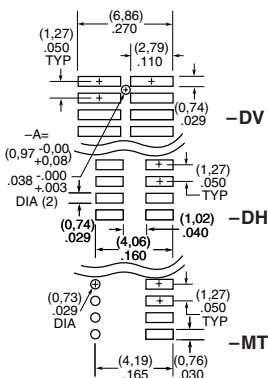
Processing:

Max Processing Temp:
230°C for 60 seconds

SMT Lead Coplanarity:
(0,10mm) .004" max (02-25)
(0,15mm) .006" max (26-50)

Suggested Paste Thickness:
For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:
For reference only. Please contact Samtec or go to www.samtec.com?FTSH for recommended PCB layout.



TAPE & REEL AVAILABILITY

No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.

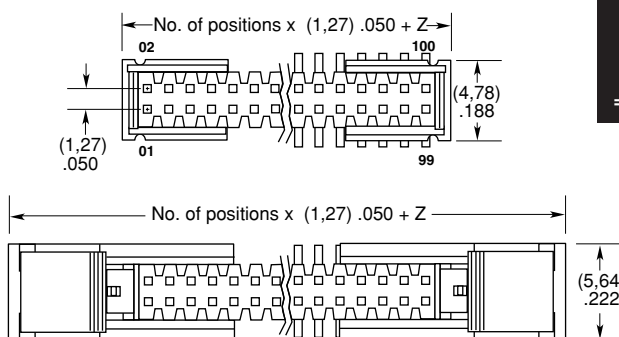
FTSH

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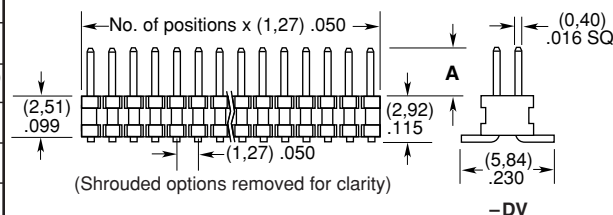
NO. PINS PER ROW

LEAD STYLE

02 thru 50

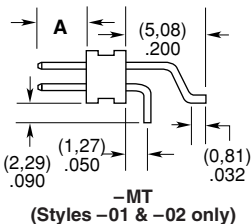
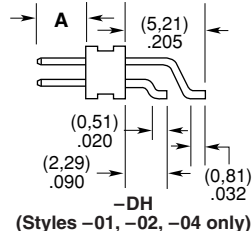


OPTION	Z
-ES	(1,55) .061
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257



LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150

- 01**
= (3,05) .120" Post (Mates with FFSD, FLE)
- 02**
= (1,91) .075" Post (Mates with FLE)
- 03**
= (1,65) .065" Post (Mates with CLP -DV)
- 04**
= (3,81) .150" Post (Mates with SFMC, SFMH)



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

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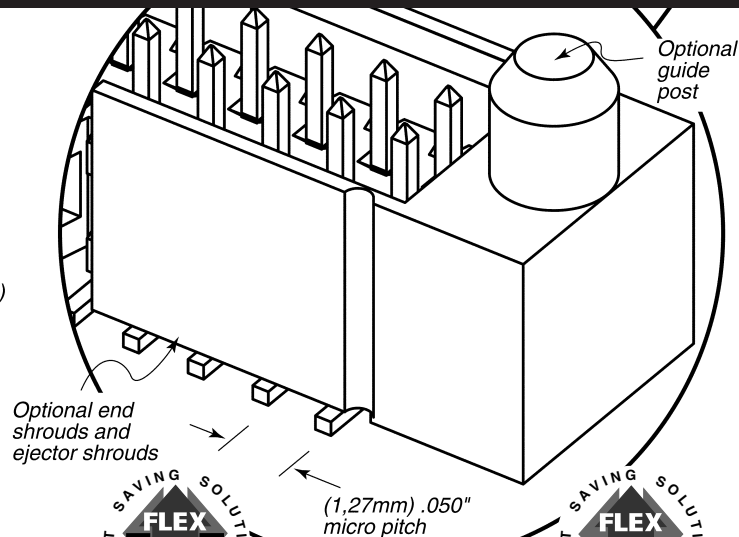
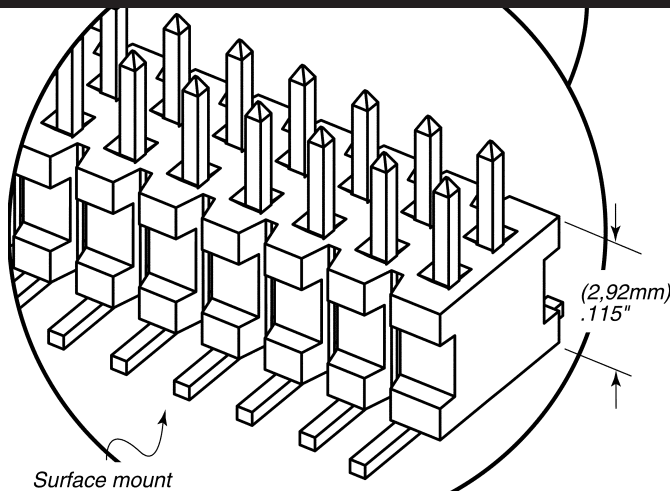
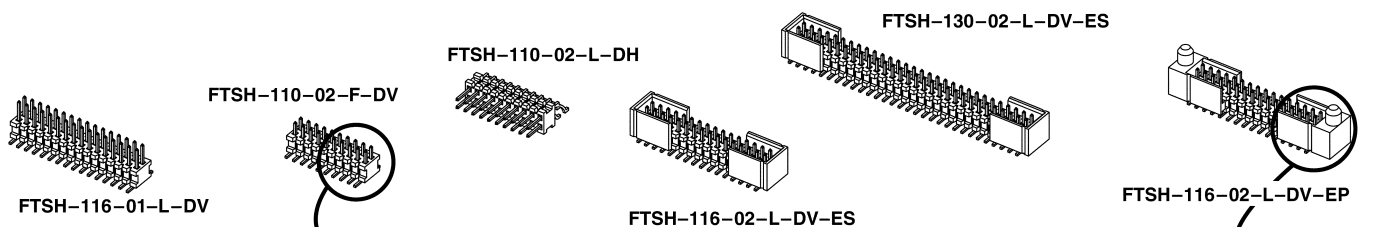
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PLATING OPTION

-L

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

-F

= Gold flash on post, Tin on tail

TAIL OPTION

-DV

= Double Vertical

-DH

= Double Horizontal (Styles -01, -02 & -04 only)

-MT

= Mixed Technology (Styles -01 & -02 only)

FLEX SHROUD OPTIONS

(Style -02 & -03 only, -DH not available)
9 pins/row minimum

-ES

= End Shroud

-EC

= End Shroud with Locking Clip

-EP

= End Shroud with Guide Post

-EL

= End Shroud with Board Lock (Boards are positively locked and cannot be unmated)

-EJ

= Ejector Shroud (Style -01 only)
-DH & -MT not available
10 pins/row minimum
25 pins/row maximum

OTHER OPTIONS

-K

= Keying Shroud
(For mating with FFSD Styles -01 only, 05, 10, 13, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 only with shrouds)

-A

= Alignment Pin
Not available with -K (-DV 3 positions min.) (-DH 5 positions min.) (Metal or plastic at Samtec discretion)

-C

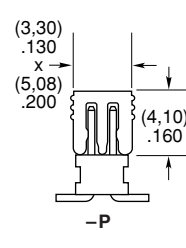
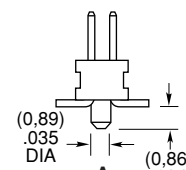
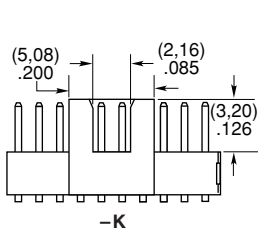
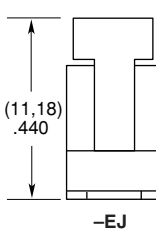
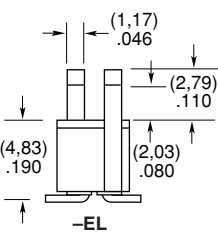
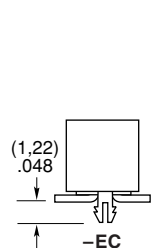
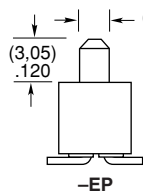
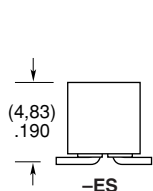
= (4,00mm) .157" DIA Polyimide film Pick & Place Pad (-DH only)

-P

= Pick & Place Pad (-DV 4 positions min.) (-DH & -MT not available)

-TR

= Tape & Reel Packaging (Tail option -DV & -DH only)
Flex Shroud options not available except -ES & -EJ



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