

FTSH-125-01-L-DV-EJ



FTSH-110-01-L-DV

FTSH-120-02-F-DV

Surface
SMT
Mount

T/H
Page 142

.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.

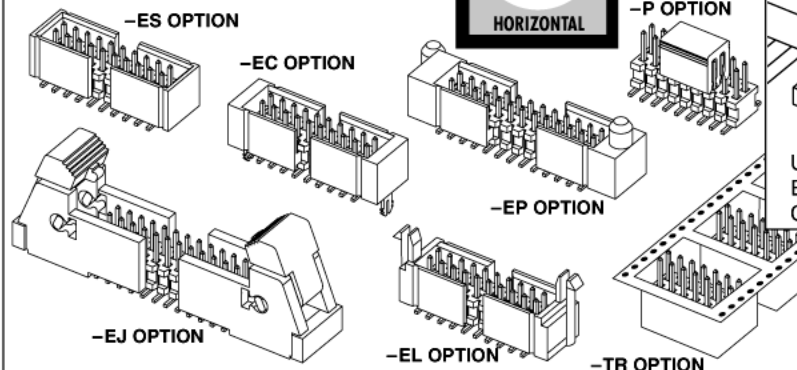
Mates with:
FFSD, CLP, FLE,
SFMC, SFMH

APPLICATIONS

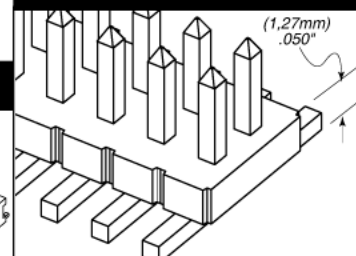


HORIZONTAL

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

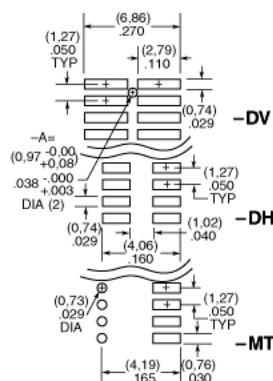
SMT Lead Coplanarity:
(0,10mm) .004" max (02-25)
(0,15mm) .006" max (26-50)

**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.



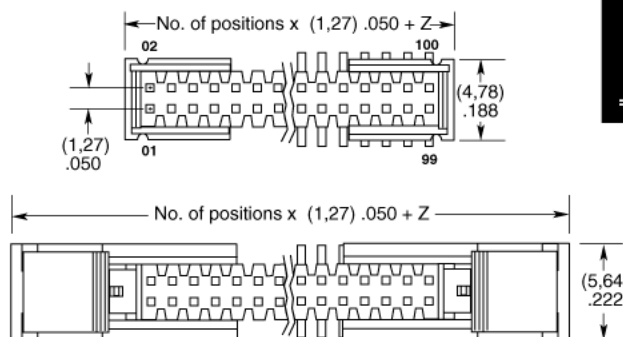
FTSH

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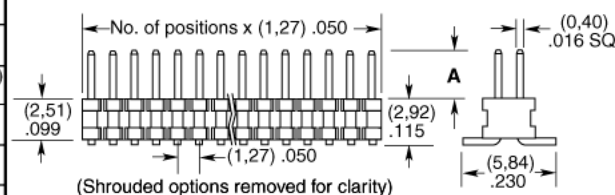
**NO. PINS
PER ROW**

**LEAD
STYLE**

02 thru 50

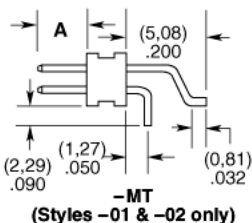
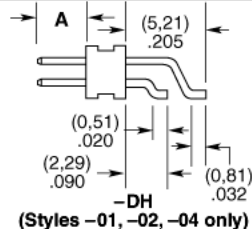


OPTION	Z
-ES	(1,55) .061
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257



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)



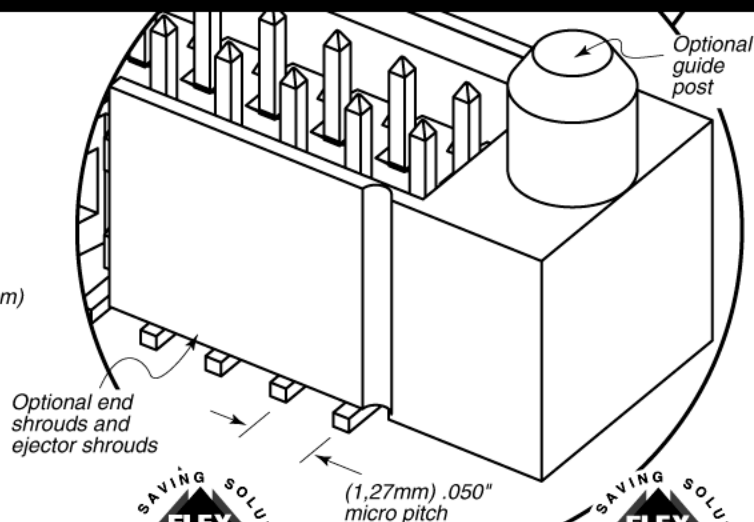
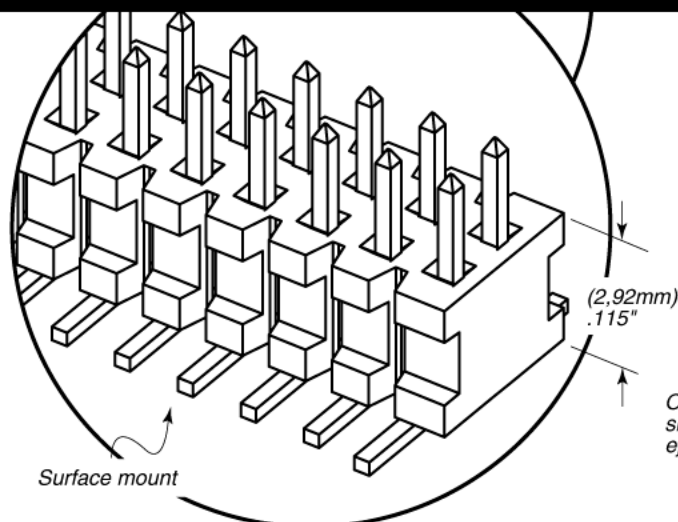
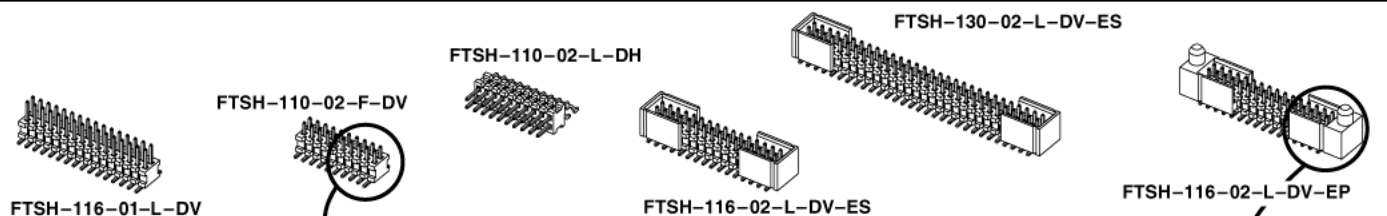
TAPE & REEL AVAILABILITY

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.

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

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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
& -04 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

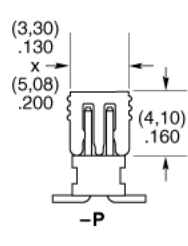
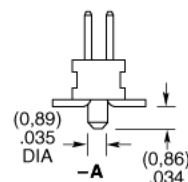
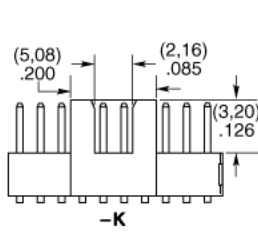
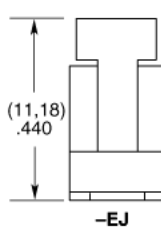
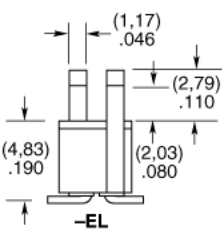
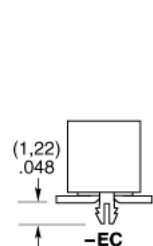
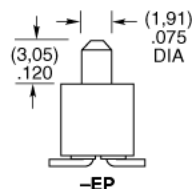
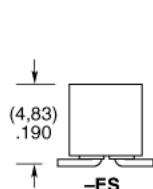
-K
= Keying Shroud
(For mating with FFSD
Styles -01 only, 05, 08, 10,
13, 17, 20 & 25 pins/row only,
13, 17, 20 & 25 only with
shrouds)

-A
= Alignment Pin
(-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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