

FTSH-125-01-L-DV-EJ



FTSH-120-02-F-DV

FTSH-110-01-L-DV

Surface
SMT
Mount

.050" MICRO HEADER FTSH SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?FTSH

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Sn or Au over 50µ" (1,27µm) Ni

Current Rating:

1.75A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes

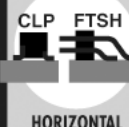
SMT Lead Coplanarity:

(0,10mm) .004" max (02-25)

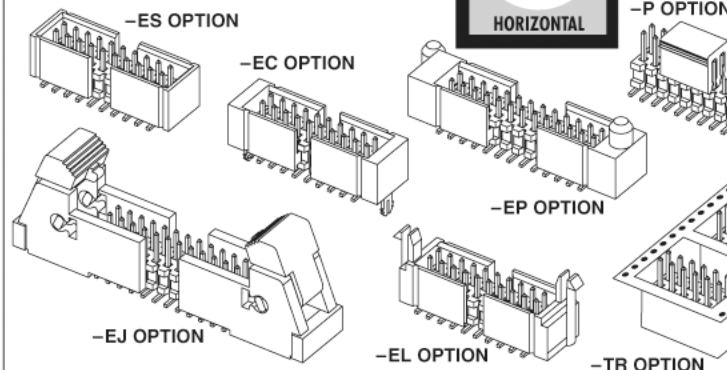
(0,15mm) .006" max (26-50)

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

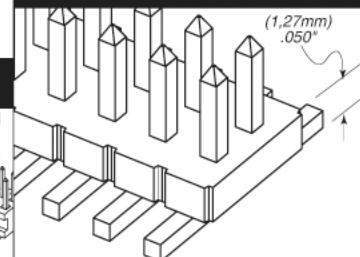
APPLICATIONS



OPTIONS



ALSO AVAILABLE



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

APPLICATION SPECIFIC OPTION

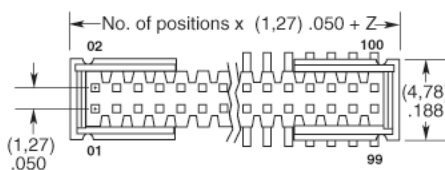
Molded pick-and-place pads,
latches, single row option and
straddle mount leads available.
Call Samtec.

FTSH

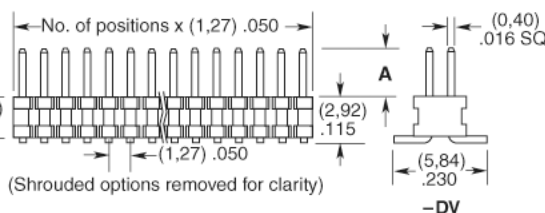
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NO. PINS
PER ROWLEAD
STYLE

02 thru 50

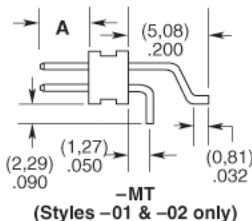
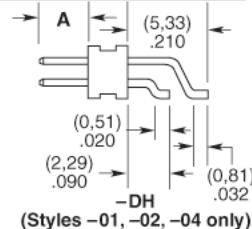


OPTION	Z
-ES	(2,57) .101
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257



- 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 -D)
- 04
= (3,81) .150" Post (Mates with SFMC, SFMH)

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



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.

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

Note: See SFM/TFM for
positive alignment feature.

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

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FTSH-116-01-L-DV

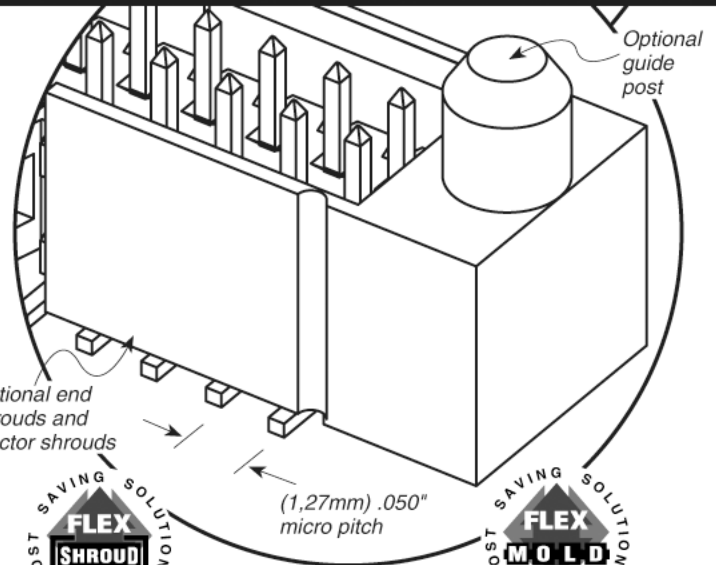
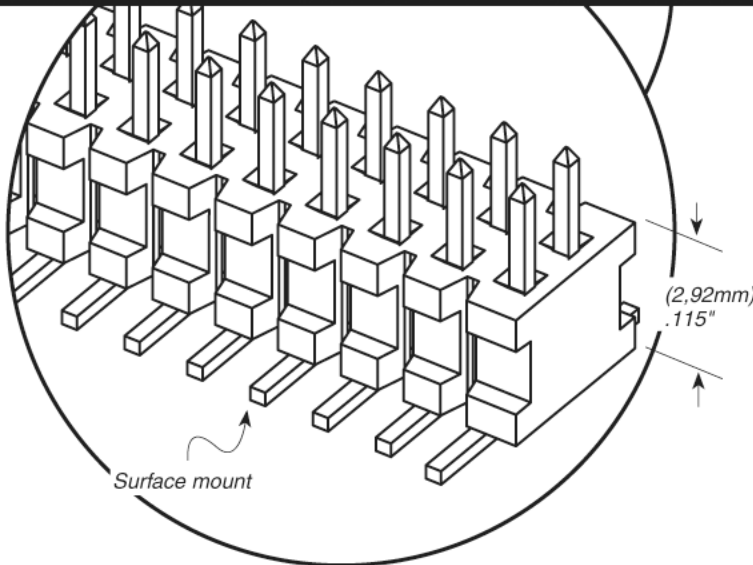
FTSH-110-02-F-DV

FTSH-110-02-L-DH

FTSH-116-02-L-DV-ES

FTSH-130-02-L-DV-ES

FTSH-116-02-L-DV-EP



PLATING OPTION

-L
= 10 μ m (0,25 μ m) Gold on post, Matte Tin on tail

-F
= Gold flash on post, Matte 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

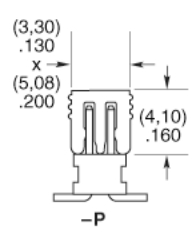
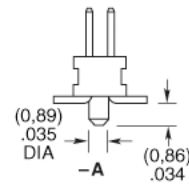
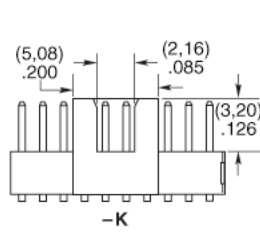
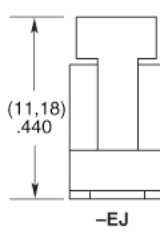
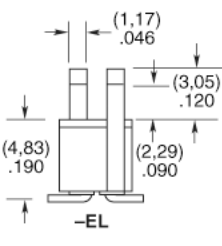
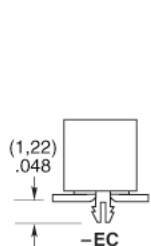
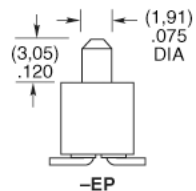
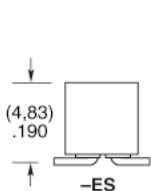
-K
= Keying Shroud (For mating with FFSD Styles -01 only, 05, 08, 10, 13, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 only with shrouds)

-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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