

FTSH-110-01-L-DV

Surface
SMT
Mount

.050" MICRO HEADER FTSH SERIES

SPECIFICATIONS

For complete specifications 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

Note: See SFM/TFM for positive alignment feature.

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

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x with

Matte Sn plating

Lead-Free Solderable:

Yes, with Matte Sn

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

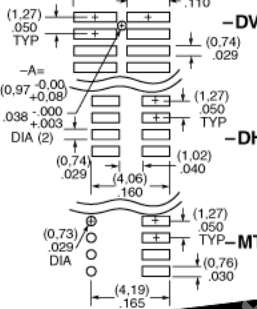
Suggested PCB Layouts:

For reference only. Please

contact Samtec or go to

www.samtec.com?FTSH for

recommended PCB layout.

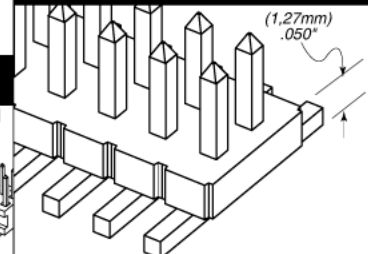


Mates with:
FFSD, CLP, FLE,
SFMC, SFMH

APPLICATIONS



ALSO AVAILABLE

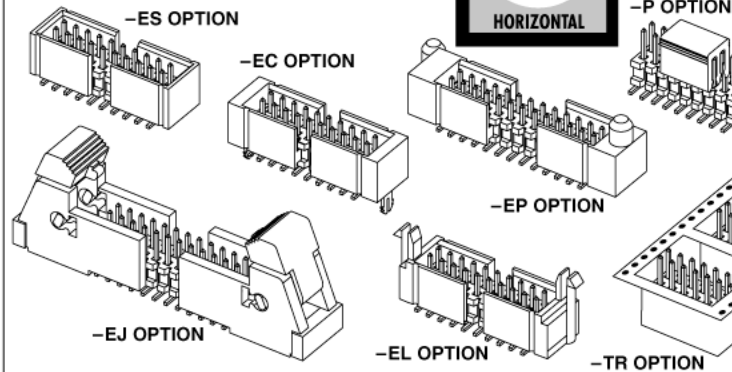


Ultra-low profile option available.
End Shrouds available.
Call for FTS Series specifications.

APPLICATION SPECIFIC OPTION

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

OPTIONS



FTSH

1

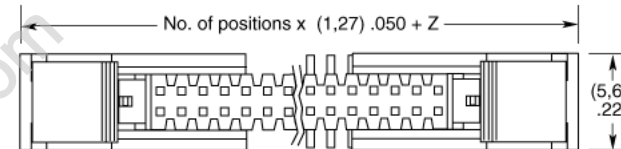
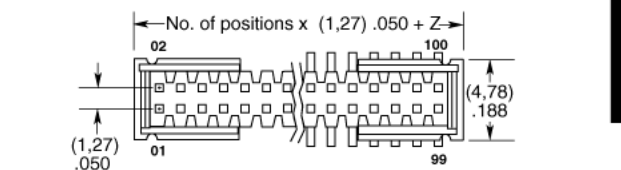
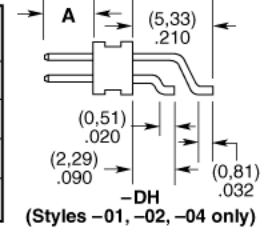
NO. PINS
PER ROW

LEAD
STYLE

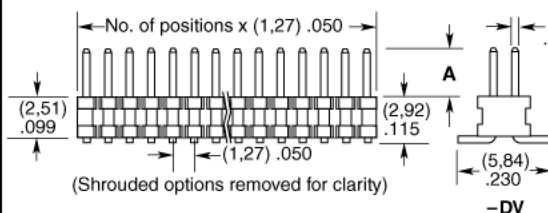
02 thru 50

- 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



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

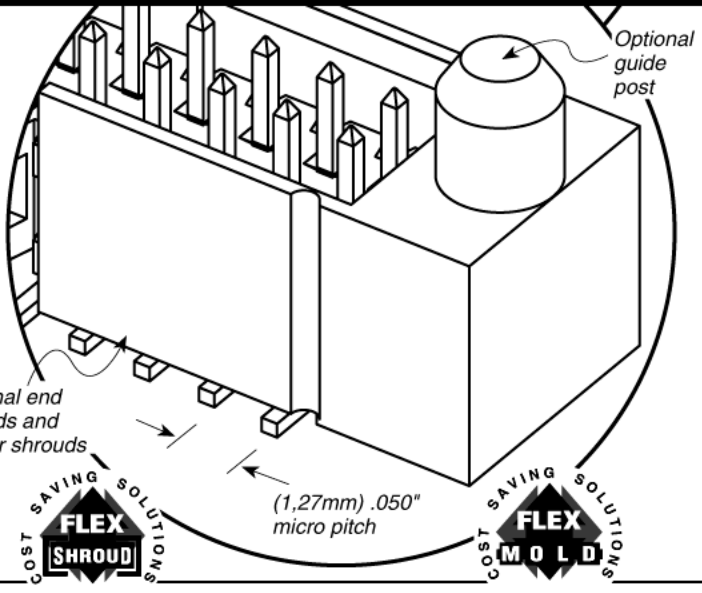
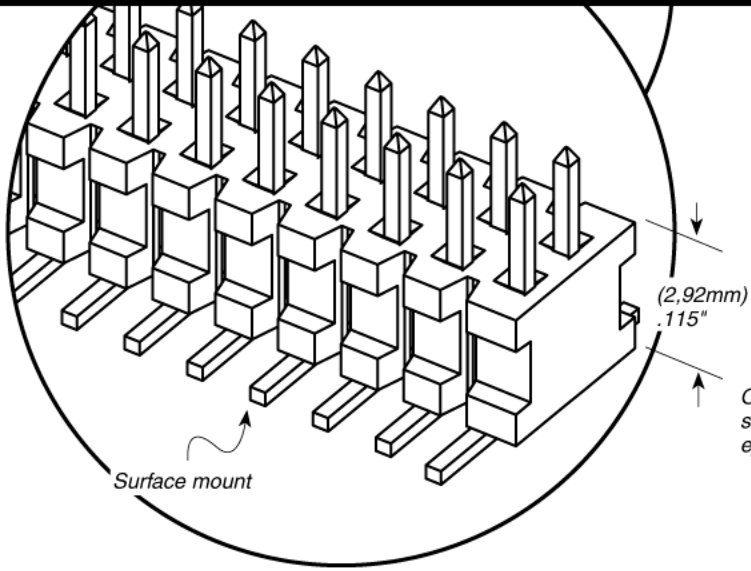
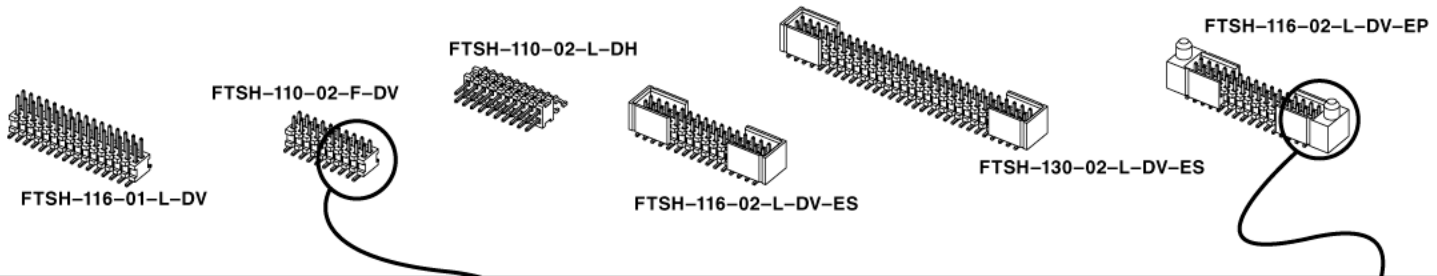


TAPE & REEL AVAILABILITY
No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications
and ordering information.

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

WWW.SAMTEC.COM

www.DataSheet4U.com



FLEX SHROUD
COST SAVING SOLUTIONS

FLEX MOLD
COST SAVING SOLUTIONS

PLATING OPTION

-L or -LM
= 10µ" (0,25µm) Gold on post, Tin (-L) or Matte Tin (-LM) on tail

-F or -FM
= Gold flash on post, Tin (-F) or Matte Tin (-FM) 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)

OTHER OPTIONS

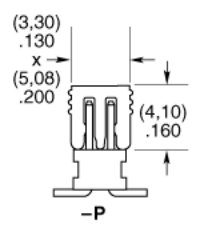
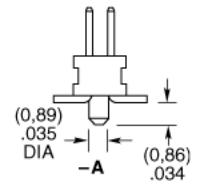
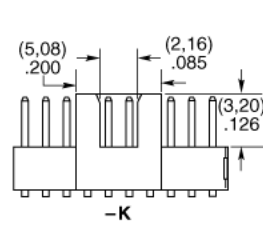
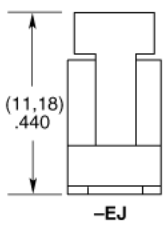
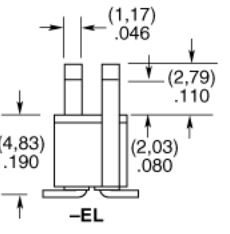
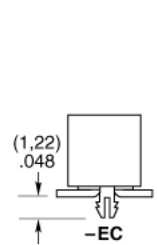
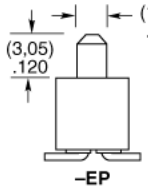
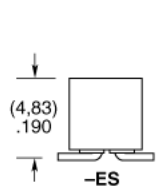
-K
= Mating Shroud (For mating with FFSD Styles -01 only, 05, 08, 10, 13, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 only with shrouds)

-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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