

(1,27 mm) .050"

SMT MICRO HEADER

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" (1,27 µm) Ni

Current Rating (FTSH/CLP):

3.3 A per pin

(1 pin powered per row)

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

-MT & -DV Tail Option:

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

-MT & -DH Tail Option:

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

Mates with:

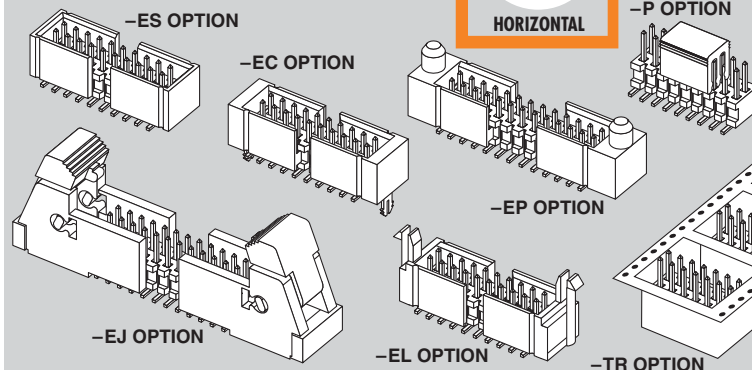
FFSD, FFTP, CLP,
FLE, SFMC, SFMH

APPLICATIONS

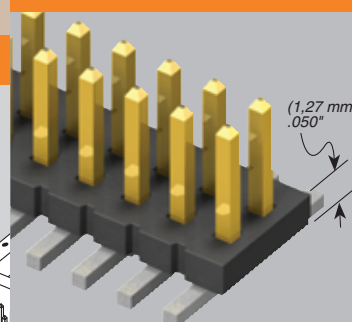


HORIZONTAL

OPTIONS



OTHER SOLUTIONS



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

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594 FILE NO. 99071_0_000

ALSO AVAILABLE (MOQ Required)

- Molded Pick & Place pads
 - Latches
 - Other platings
- Contact Samtec.

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

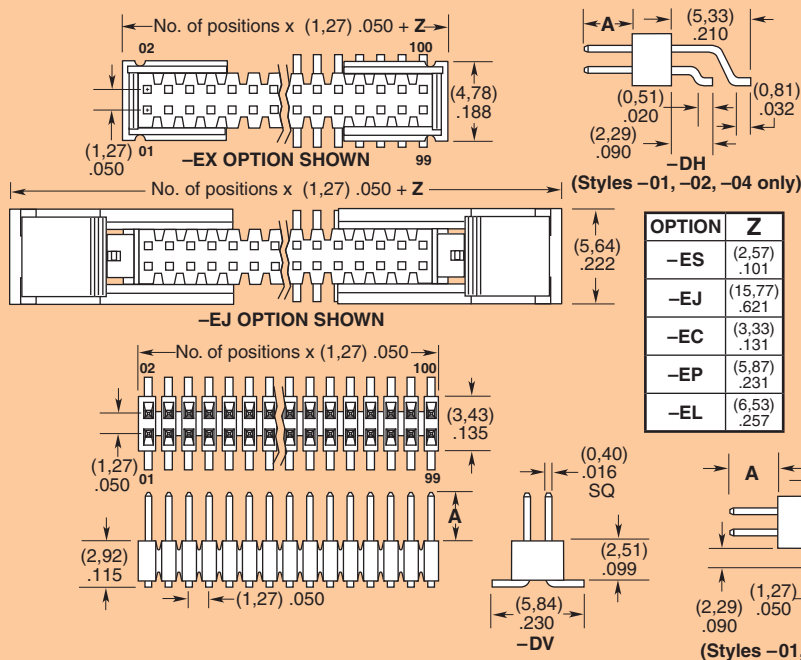
Note: See SFM/TFM for positive alignment feature.

FTSH

1

NO. PINS
PER ROWLEAD
STYLE

02 thru 50



-01
= (3,05 mm) .120" Post
(Mates with FFSD, CLP-DH)

-02
= (1,91 mm) .075" Post
(Mates with FLE)

-03
= (1,65 mm) .065" Post
(Mates with CLP-D)

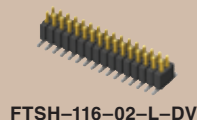
-04
= (3,81 mm) .150" Post
(Mates with SFMC, SFMH)

-05
= (4,32 mm) .170" Post
(Mates with CLP-BE)

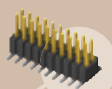
LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150
-05	(4,32) .170

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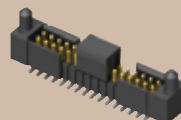
FTSH-116-02-L-DV



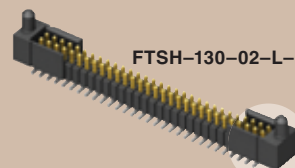
FTSH-110-01-F-DV



FTSH-113-02-L-DH

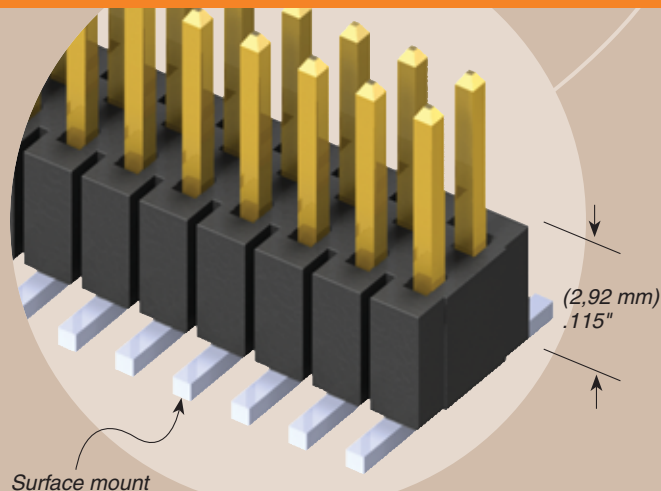


FTSH-116-03-L-DV-EP-P

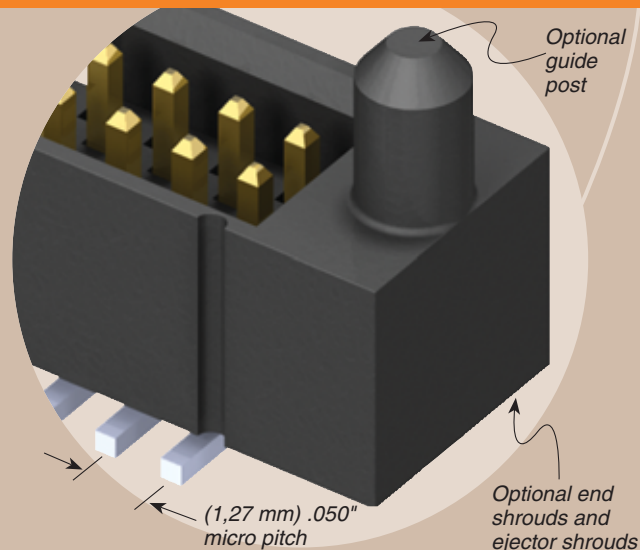


FTSH-130-02-L-DV-EP

FTSH SERIES



Surface mount



Optional guide post

Optional end shrouds and ejector shrouds

PLATING OPTION

-F

= Gold flash on post, Matte Tin on tail

-L

= 10µ" (0,25 µm) Gold 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 & -MT not available) 9 pins/row minimum (Other positions available. Call Samtec.)

-ES

= End Shroud

-EC

= End Shroud with Locking Clip (Manual placement required)

-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 Style -01 only and 05, 08, 10, 13, 17, 20 & 25 pins/row only. 13, 17, 20 & 25 pins/row only with shrouds) (-DV only)

-A

= Alignment Pin (-DV 3 positions min.) (-DH 5 positions min.) (Metal or plastic at Samtec discretion)

-C

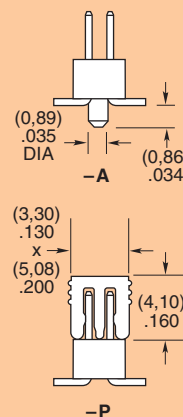
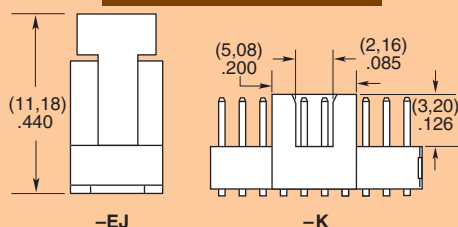
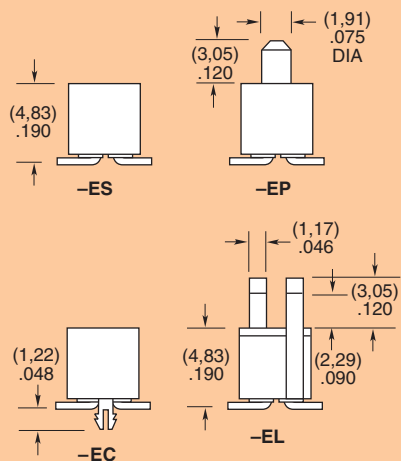
= (4,00 mm) .157" DIA Polyimide film Pick & Place Pad (-DH only)

-P

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

-TR

= Tape & Reel Packaging (Flex Shroud options not available except -ES & -EJ)



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