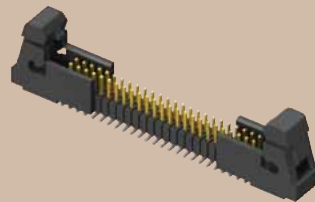




(1,27 mm) .050"



FTSH-125-01-L-DV-EJ



FTSH-110-01-L-DV
FTSH-120-01-F-DV

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)

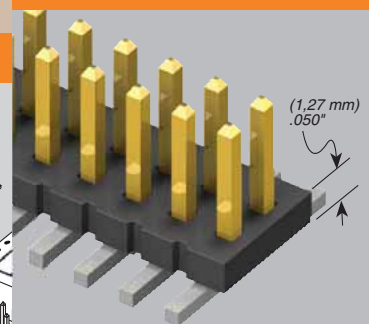
Mates with: FFSD, FFTP, CLP, FLE

APPLICATIONS



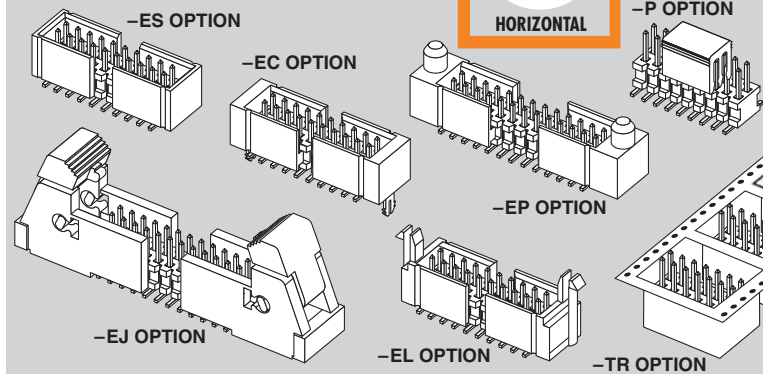
HORIZONTAL

OTHER SOLUTIONS



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

OPTIONS



RECOGNITIONS

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



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.

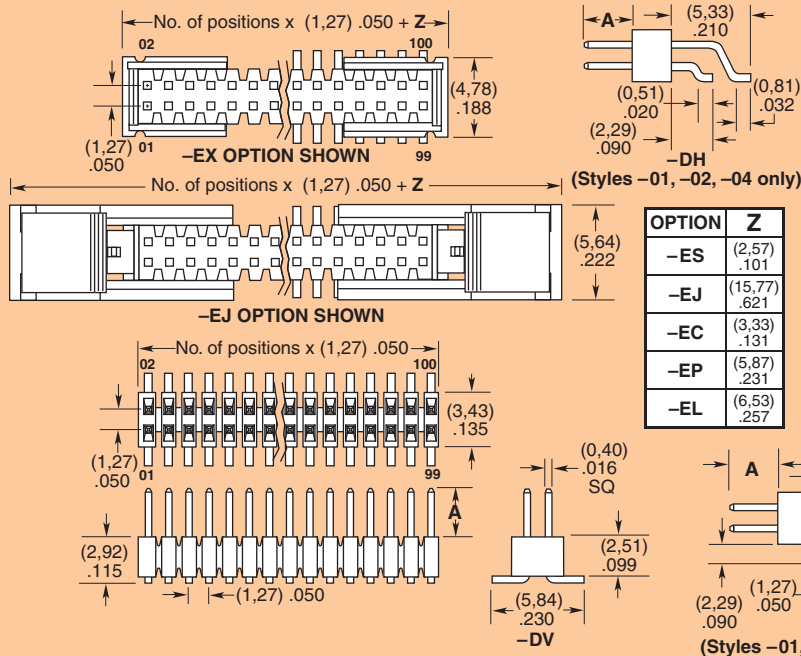
FTSH

1

NO. PINS PER ROW

LEAD STYLE

02 thru 50



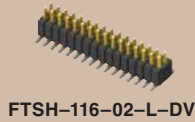
OPTION	Z
-ES	(2,57) .101
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257

- 01**
= (3,05 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
- 05**
= (4,32 mm) .170" Post (Mates with CLP-BE)

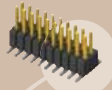
LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150
-05	(4,32) .170

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

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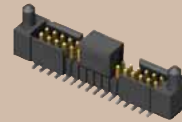
FTSH-116-02-L-DV



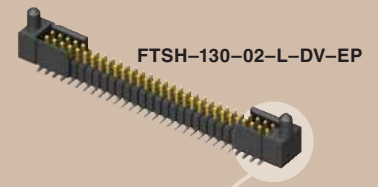
FTSH-110-01-F-DV



FTSH-113-02-L-DH

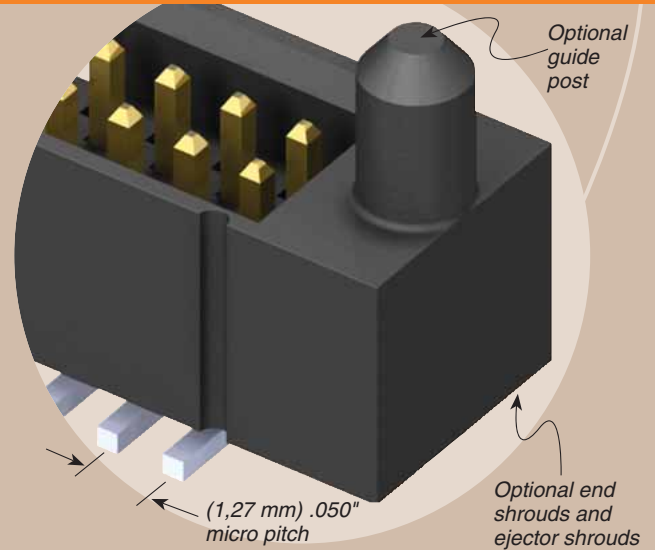
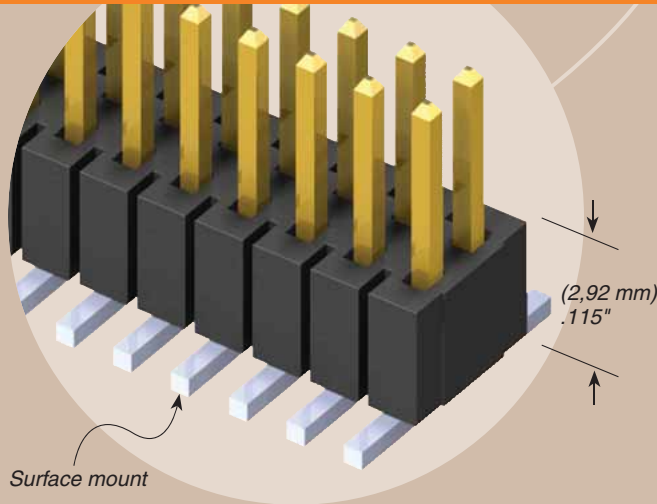


FTSH-116-03-L-DV-EP-P



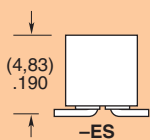
FTSH-130-02-L-DV-EP

FTSH SERIES



PLATING OPTION

- F**
= Gold flash on post, Matte Tin on tail
- L**
= 10µ" (0,25 µm) Gold on post, Matte Tin on tail

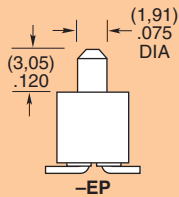


TAIL OPTION

- DV**
= Double Vertical
- DH**
= Double Horizontal (Styles -01, -02 & -04 only)
- MT**
= Mixed Technology (Styles -01, -02 & -04 only)

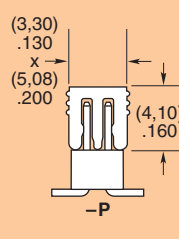
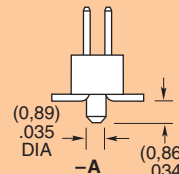
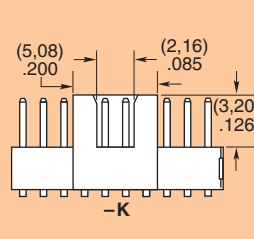
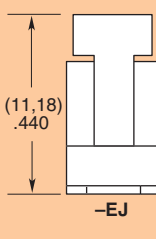
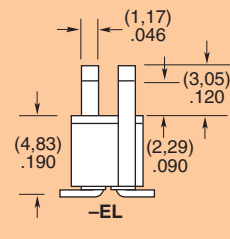
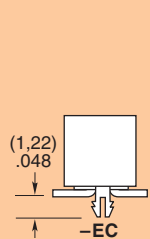
OPTION

- Leave Blank for -DH & -MT
- “XXX”**
= Polarized Position (Specify position of omitted pin) (Not available with -EX options)



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)



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**
= (5,00 mm) .197" 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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