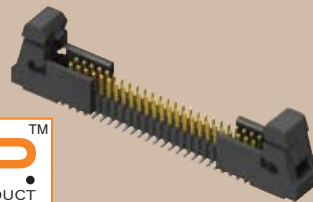




(1,27 mm) .050"

FTSH SERIES



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](http://www.samtec.com?FTSH)

### Insulator Material:

Black Liquid Crystal Polymer

### Terminal Material:

Phosphor Bronze Plating:

Sn or Au over 50µm (1,27 µm) Ni

Current Rating:

1.75A per contact @ 80°C ambient

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)



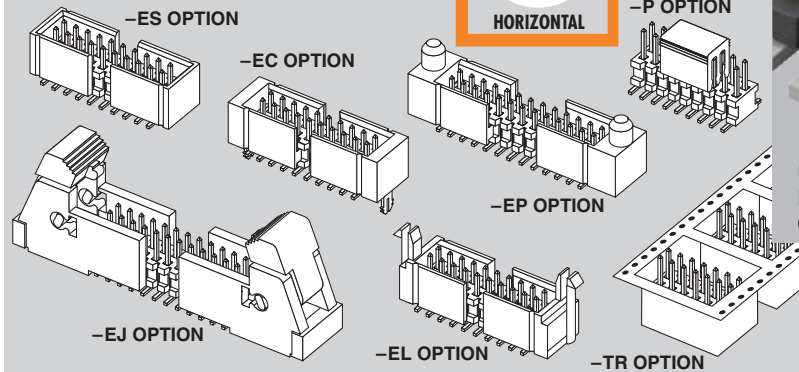
Mates with:  
FFSD, FFTP, CLP,  
FLE, SFMC, SFMH

## APPLICATIONS

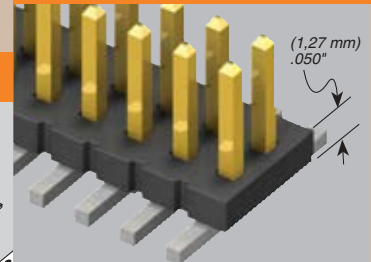


HORIZONTAL

## OPTIONS



## ALSO AVAILABLE



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

## APPLICATION SPECIFIC OPTION

Molded Pick & Place pads and latches available. Call Samtec.

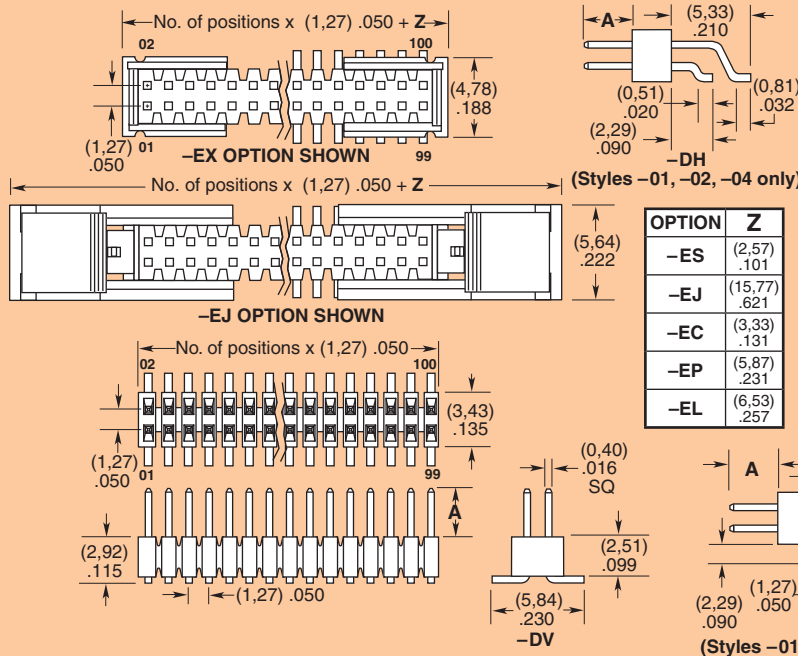
FTSH

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

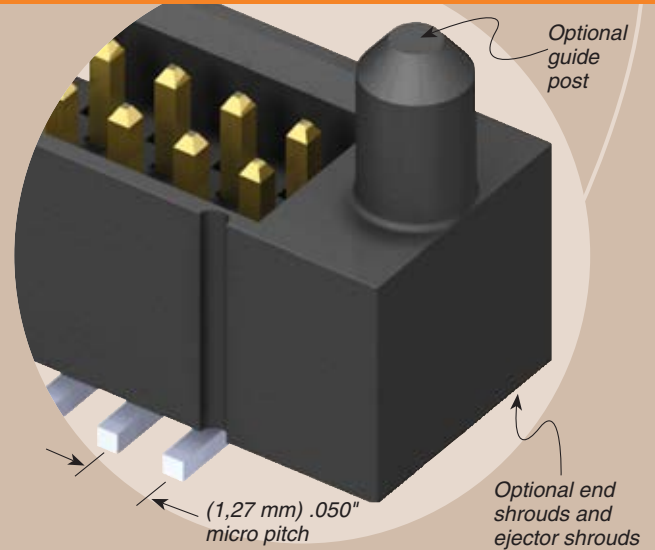
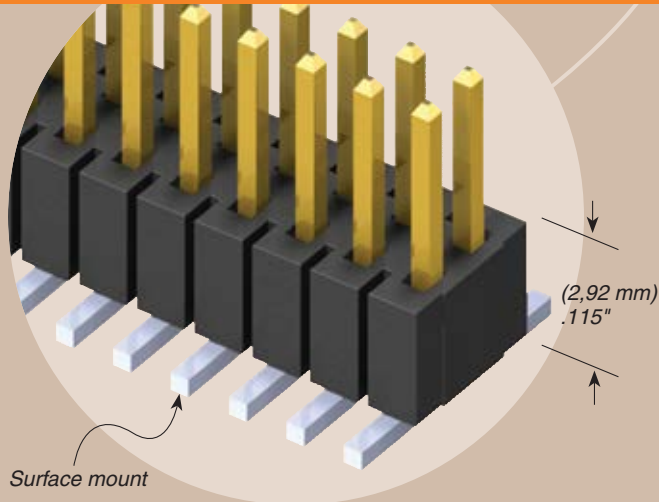
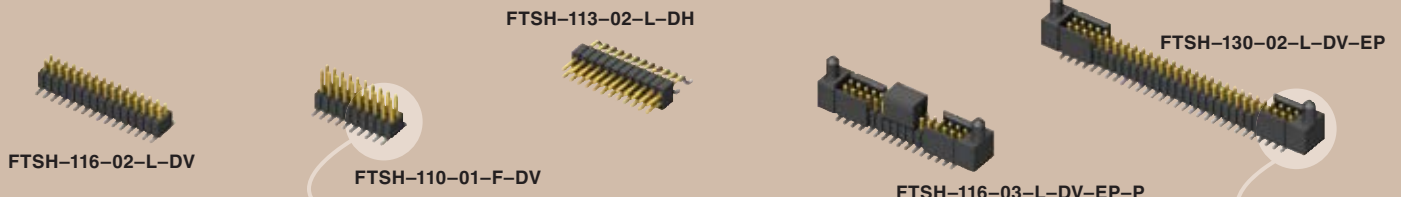
LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150
-05	(4,32) .170

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.

WWW.SAMTEC.COM



### PLATING OPTION

#### -F

= Gold flash on post, Matte Tin on tail

#### -L

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

Note: Other Gold plating options available. Contact Samtec.

### 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

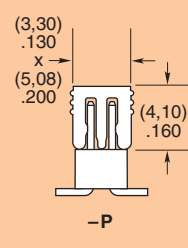
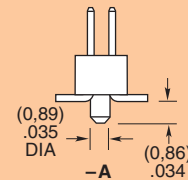
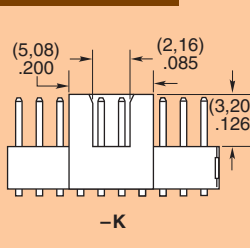
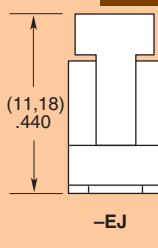
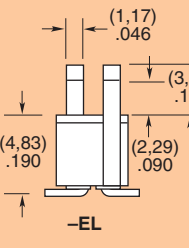
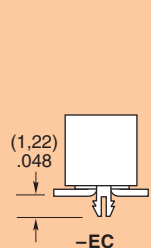
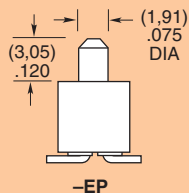
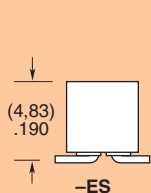
= (4,00 mm) .157" DIA Polyimide film Pick & Place Pad (-DH only)

#### -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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