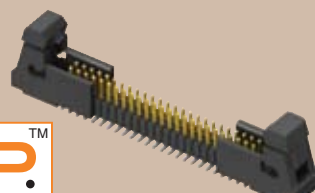




(1,27mm) .050"

FTSH SERIES



FTSH-125-01-L-DV-EJ



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 50µ"

(1,27µm) Ni

### Current Rating:

1.75A @ 80°C ambient

### Operating Temp Range:

-55°C to +125°C

### RoHS Compliant:

Yes

### Processing:

Lead-Free Solderable:

Yes

### SMT Lead Coplanarity:

-MT &amp; -DV Tail Option:

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

-MT &amp; -DH Tail Option:

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



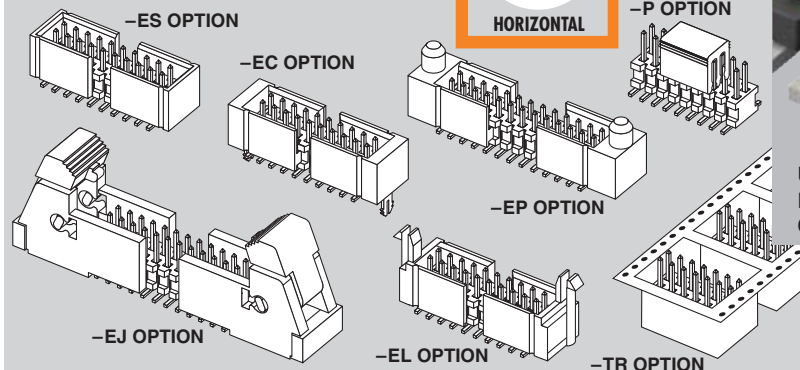
Mates with:  
FFSD, FFTP, CLP,  
FLE, SFMC, SFMH

## APPLICATIONS

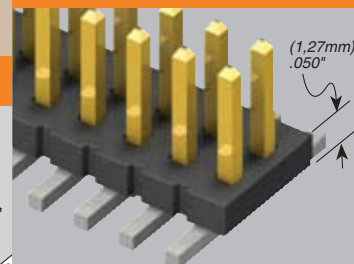


HORIZONTAL

## OPTIONS



## ALSO AVAILABLE



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

## APPLICATION SPECIFIC OPTION

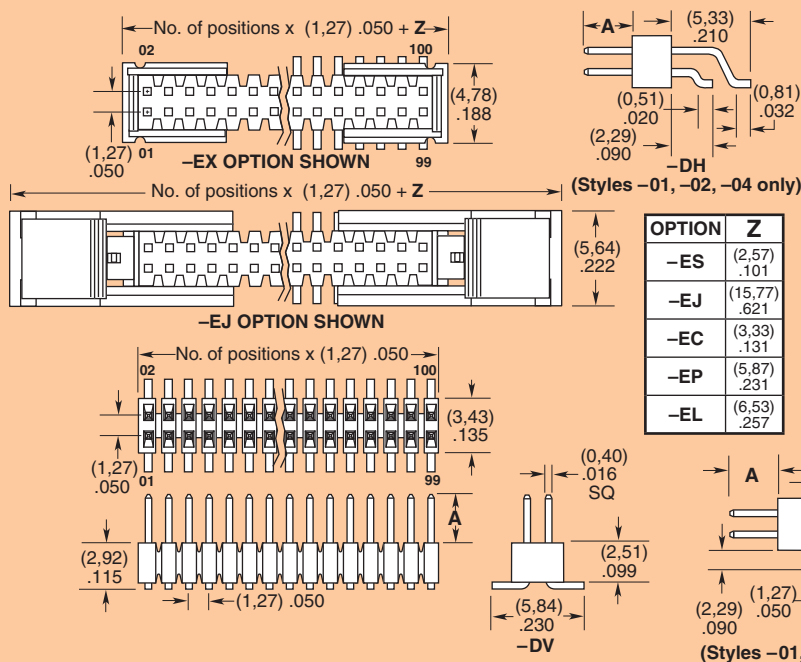
Molded Pick & Place pads  
and latches available.  
Call Samtec.

FTSH

1

NO. PINS  
PER ROWLEAD  
STYLE

02 thru 50



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

**-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)

**-05**  
= (4,32) .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](http://WWW.SAMTEC.COM)

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC NORTHERN CALIFORNIA • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329  
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0  
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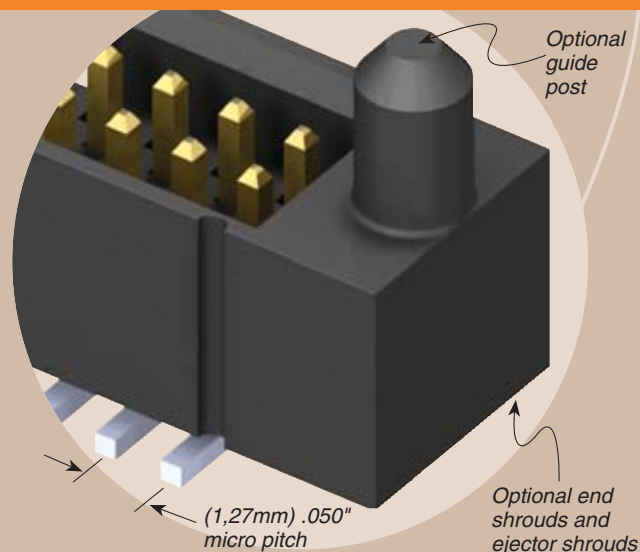
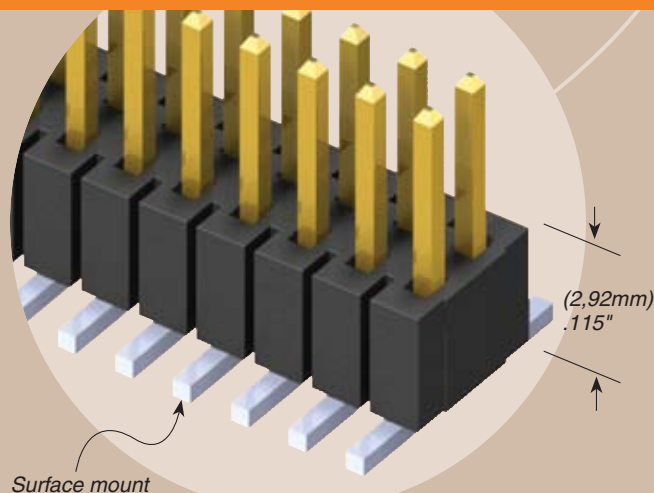
FTSH-116-02-L-DV

FTSH-110-01-F-DV

FTSH-113-02-L-DH

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

FTSH-130-02-L-DV-EP



## PLATING OPTION

### -F

= Gold flash on post,  
Matte Tin on tail

### -L

= 10μ" (0,25μm) 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

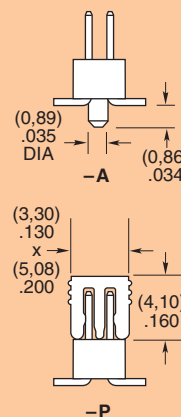
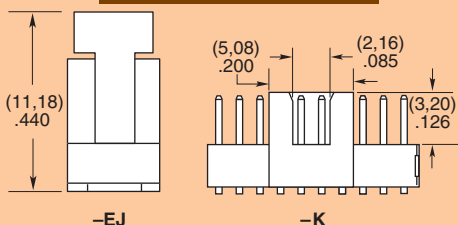
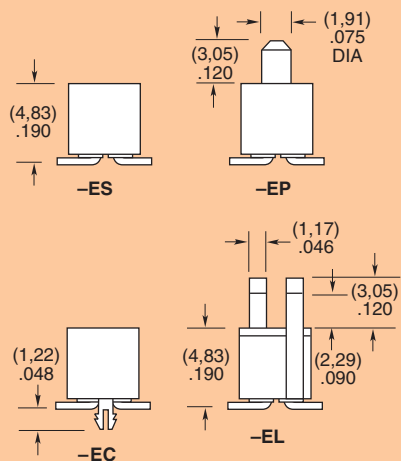
= (4,00mm) .157" DIA  
Polyimide film  
Pick & Place Pad  
(-DH only)

### -P

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

### -TR

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



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