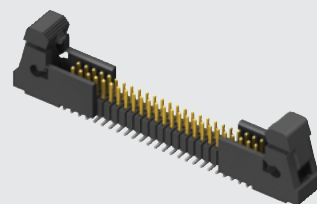




(1,27 mm) .050"



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" (1,27 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:

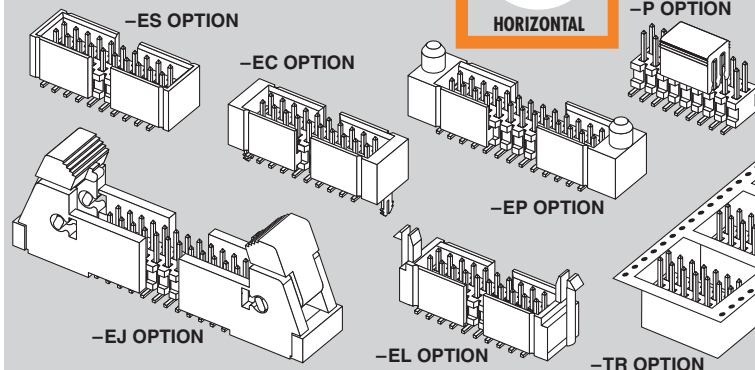
FFSD, FFTP, CLP, FLE

## APPLICATIONS

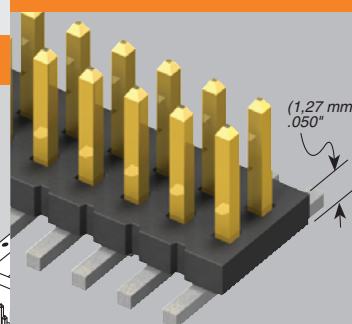


HORIZONTAL

## 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](http://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.

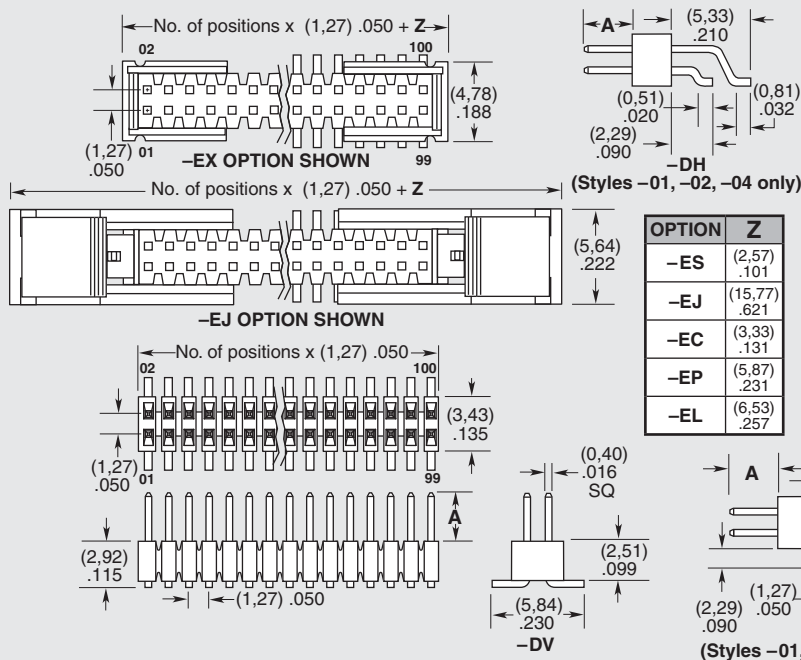
**Note:** See SFM/TFM for positive alignment feature.

FTSH

1

NO. PINS  
PER ROWLEAD  
STYLE

02 thru 50



FTSH-116-02-L-DV

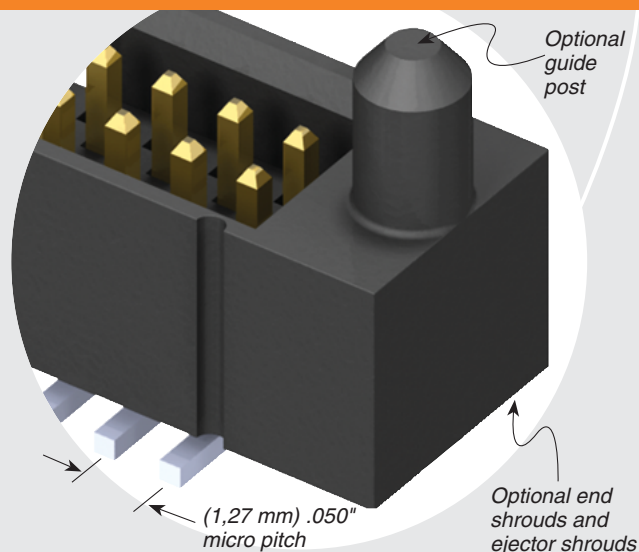
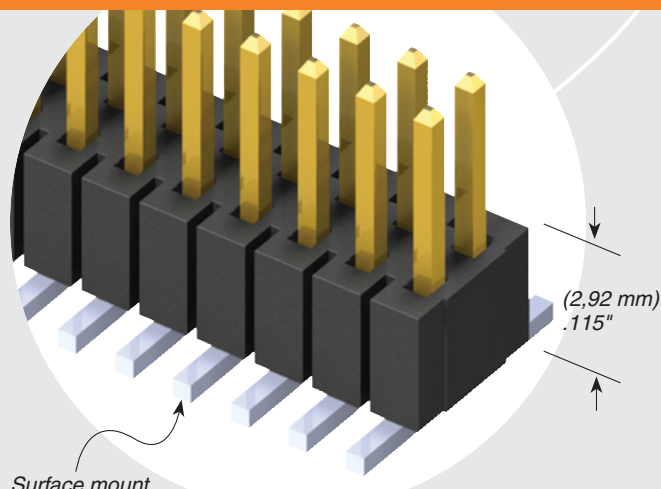
FTSH-110-01-F-DV

FTSH-112-02-L-DH

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

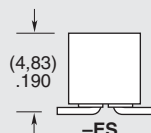
FTSH-130-02-L-DV-EP

## FTSH SERIES

PLATING  
OPTION

**-F**  
= Gold flash  
on post,  
Matte Tin  
on tail

**-L**  
= 10 $\mu$ "  
(0,25  $\mu$ m)  
Gold on post,  
Matte Tin  
on tail

TAIL  
OPTION

**-DV**  
= Double  
Vertical

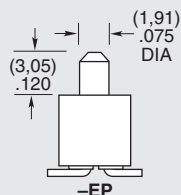
**-DH**  
= Double  
Horizontal  
(Styles  
-01, -02 &  
-04 only)

**-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.)

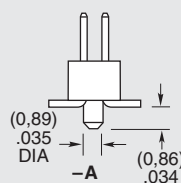
**-ES**  
= End Shroud

**-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)

**-EJ**  
= Ejector Shroud  
(Style -01 only)  
-DH & -MT not available  
10 pins/row minimum  
25 pins/row maximum

OTHER  
OPTIONS

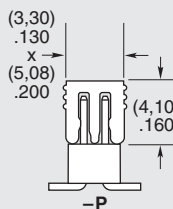
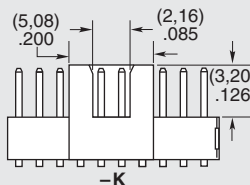
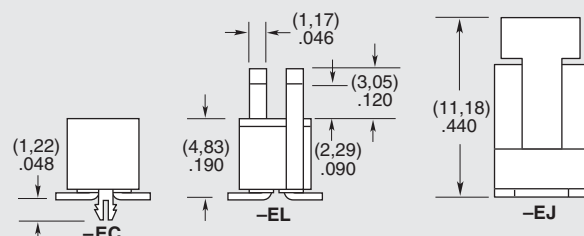
**-K**  
= Keying Shroud  
(For mating with FFSD  
Style -01 only and  
05, 08, 10, 13, 17, 20 & 25  
pins/row only. 13, 17, 20 & 25  
pins/row only with shrouds)  
(-DV only)

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

**-C**  
= (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)



WWW.SAMTEC.COM

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