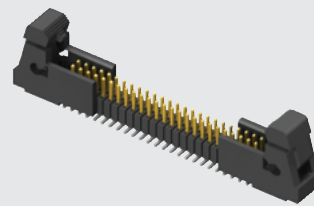




(1.27 mm) .050"



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

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:

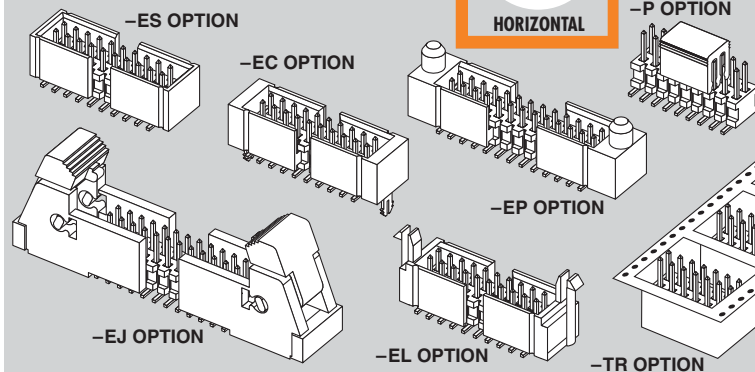
FFSD, FFTP, CLP, FLE

APPLICATIONS

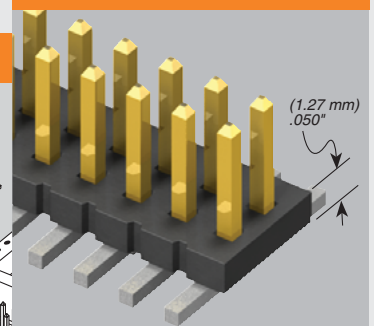


HORIZONTAL

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



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.

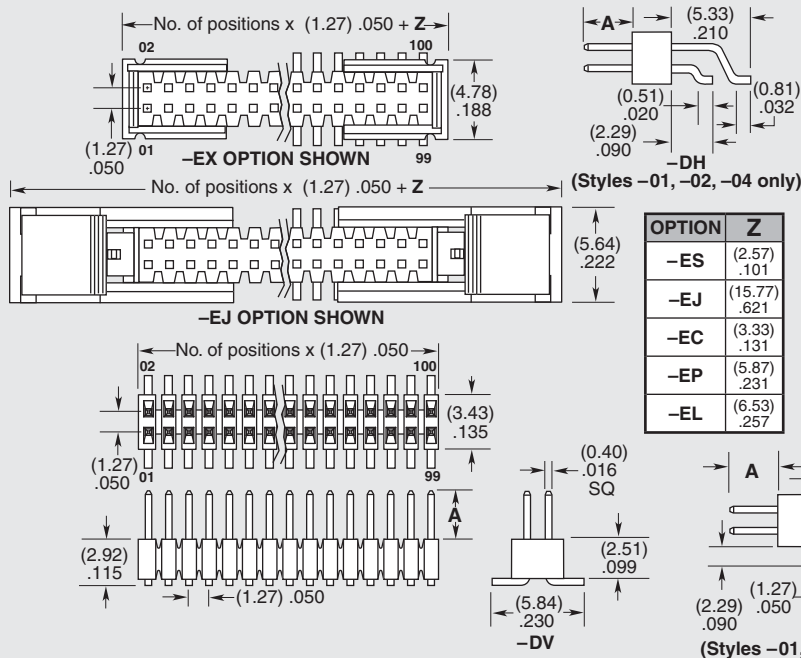
FTSH

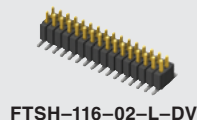
1

NO. PINS PER ROW

LEAD STYLE

02 thru 50



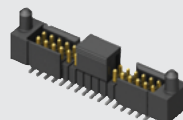
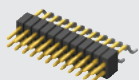


FTSH-116-02-L-DV

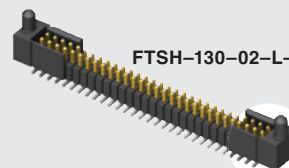


FTSH-110-01-F-DV

FTSH-112-02-L-DH

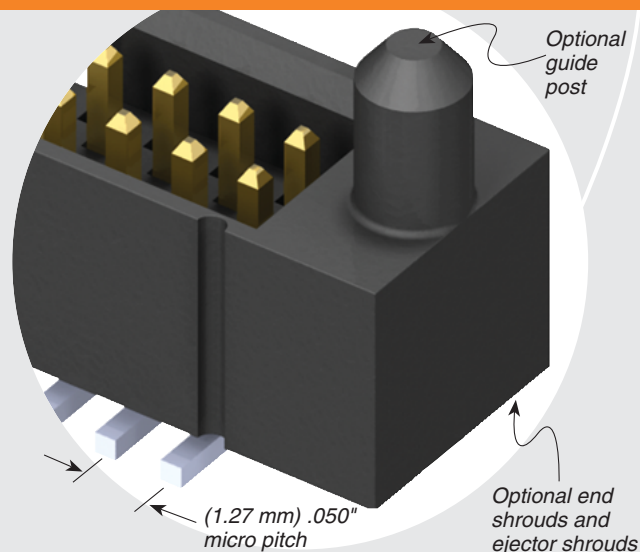
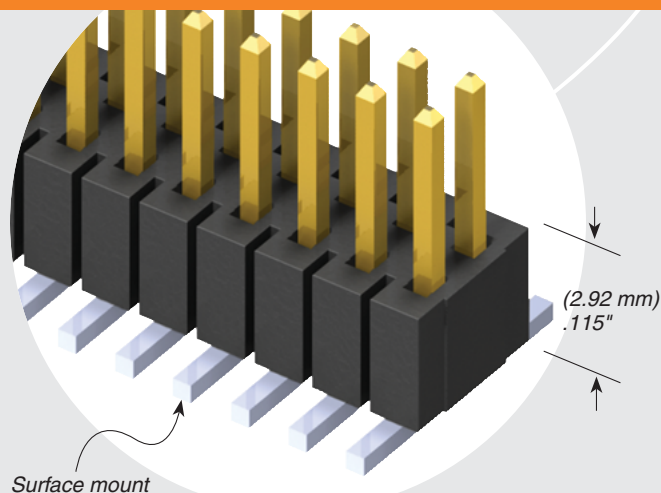


FTSH-116-03-L-DV-EP-P



FTSH-130-02-L-DV-EP

FTSH SERIES



PLATING OPTION

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

-L
= 10 μ " (0.25 μ 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 -EJ option) (-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)

