

FTSH-125-01-L-DV-EJ



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

(1.27 mm) .050"

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 50 μm (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)

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.

Board Mates:

CLP, FLE

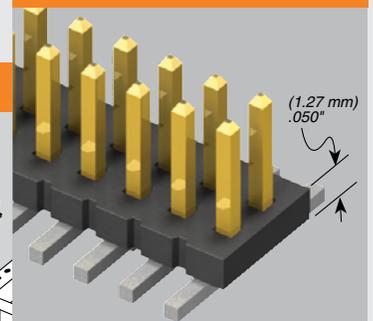
Cable Mates:

FFSD, FFTP

APPLICATIONS

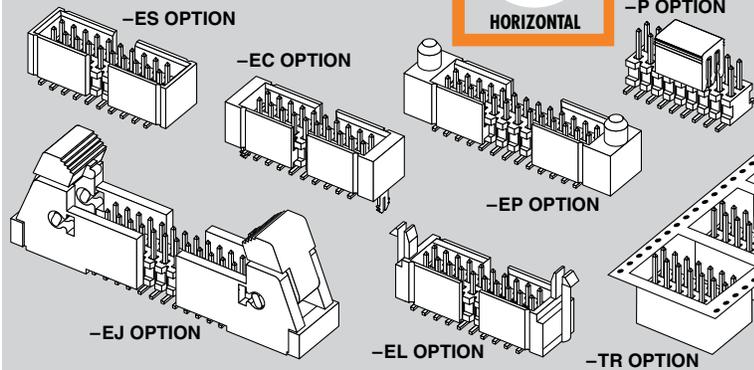


OTHER SOLUTIONS



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

OPTIONS



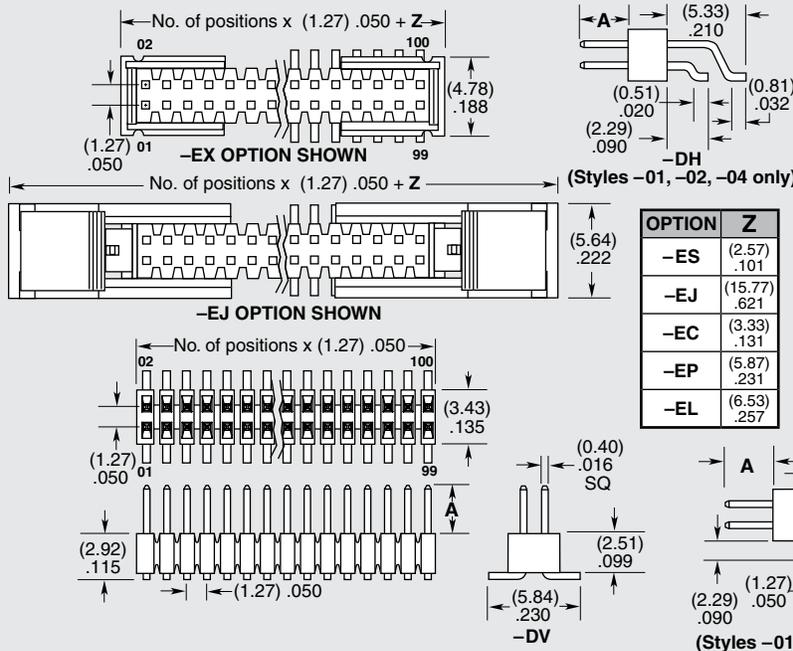
FTSH

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NO. PINS PER ROW

LEAD STYLE

02 thru 50





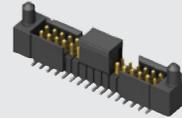
FTSH-116-02-L-DV



FTSH-110-01-F-DV



FTSH-112-02-L-DH

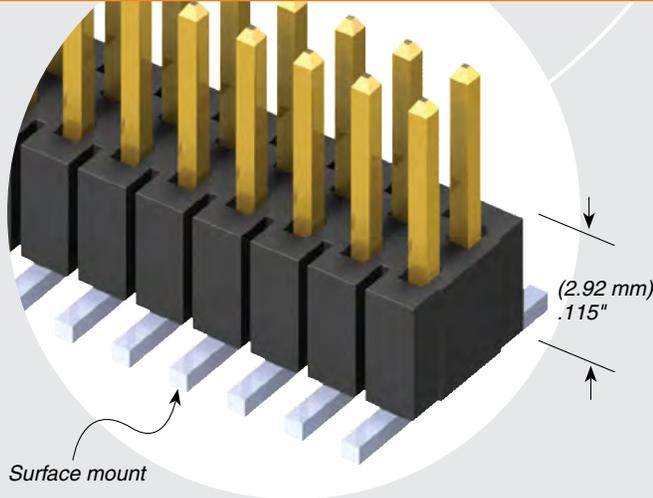


FTSH-116-03-L-DV-EP-P

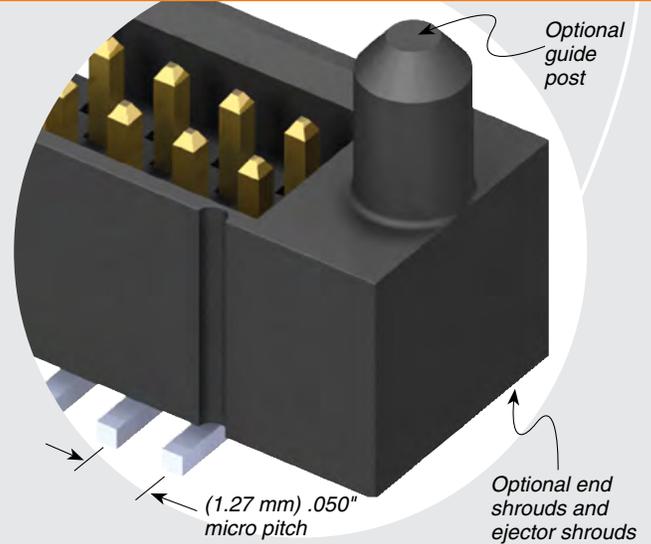


FTSH-130-02-L-DV-EP

FTSH SERIES



Surface mount



Optional guide post

Optional end shrouds and ejector shrouds

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)

