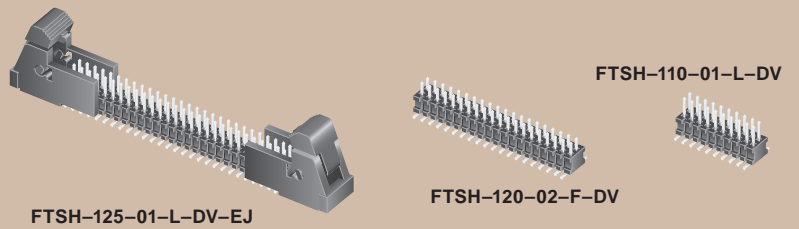




(1,27mm) .050"

FTSH SERIES



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" (1,27µm) 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 & -DV Tail Option:

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

-MT & -DH Tail Option:

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



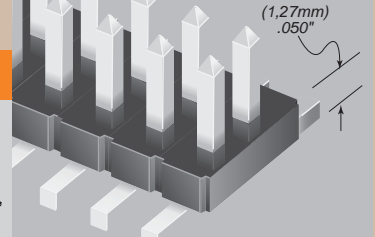
Mates with:
FFSD, CLP, FLE,
SFMC, SFMH

APPLICATIONS



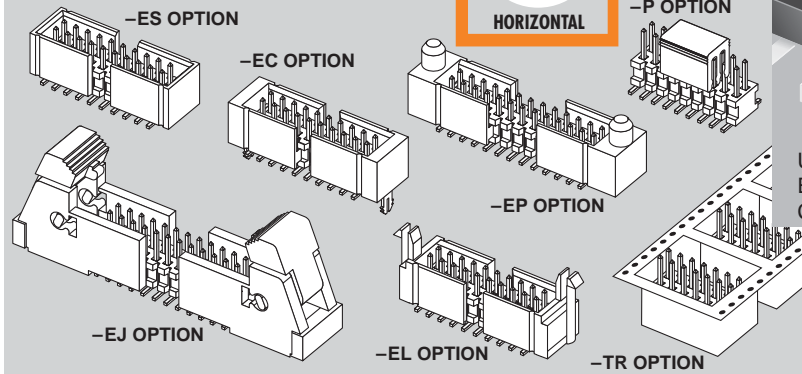
HORIZONTAL

ALSO AVAILABLE



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

OPTIONS



APPLICATION SPECIFIC OPTION

Molded Pick & Place pads, latches and straddle mount leads available. Call Samtec.

1,27mm FTSH/CLP	Rated @ -3dB Insertion Loss
5,13mm Stack Height	
Single-Ended Signaling	7.0 GHz / 14 Gbps
Differential Pair Signaling	8.5 GHz / 17 Gbps
Performance data for other stack heights and complete test data available at www.samtec.com?FTSH or contact sig@samtec.com .	

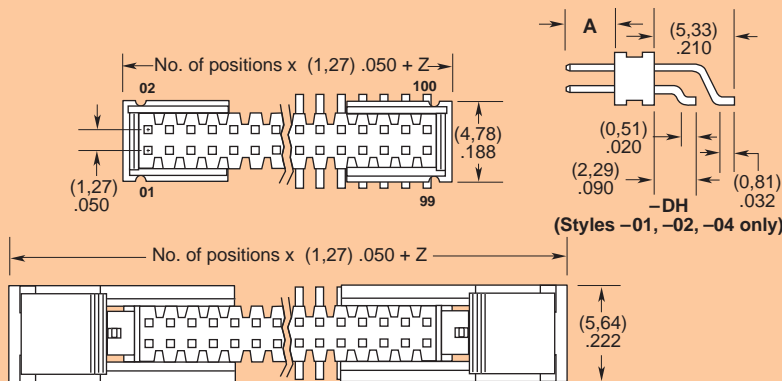
FTSH

1

NO. PINS PER ROW

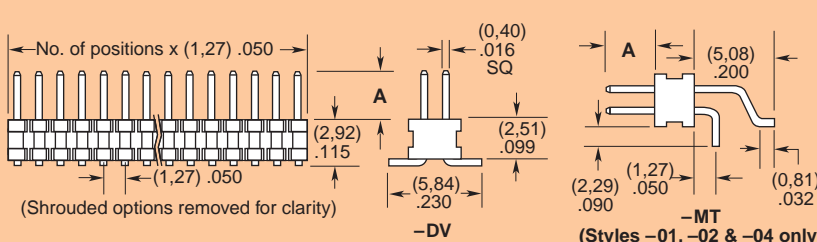
LEAD STYLE

02 thru 50



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

OPTION	Z
-ES	(2,57) .101
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257



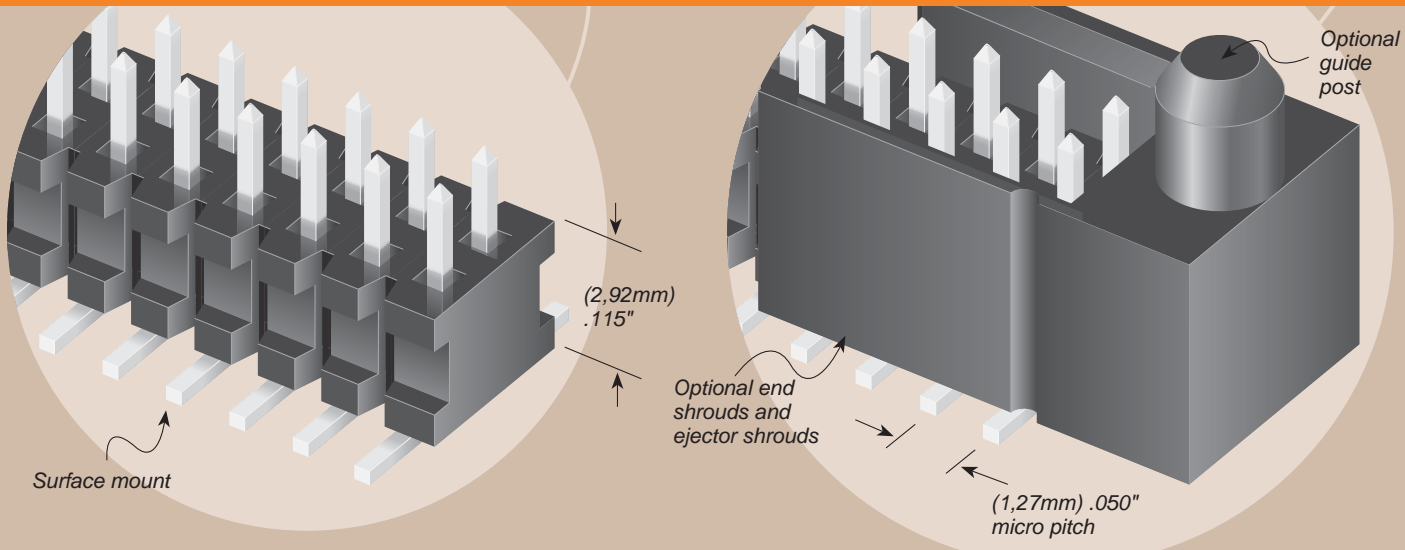
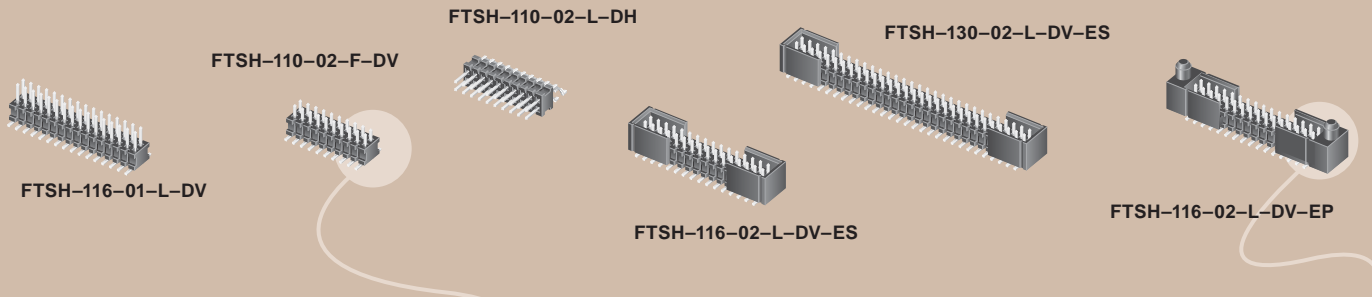
LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150
-05	(4,32) .170

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

TAIL OPTION

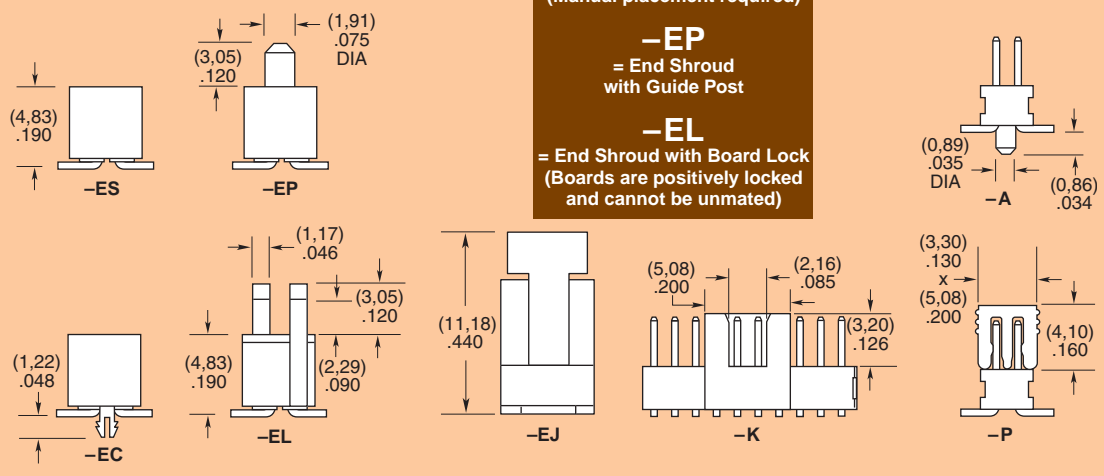
- DV**
= Double Vertical
- DH**
= Double Horizontal (Styles -01, -02 & -04 only)
- MT**
= Mixed Technology (Styles -01, -02 & -04 only)

FLEX SHROUD OPTIONS

- (Style -02 & -03 only, -DH 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 Styles -01 only, 05, 08, 10, 13, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 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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