

(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)



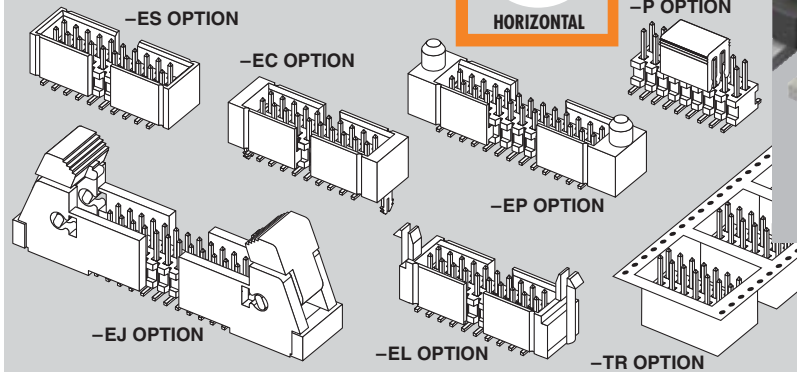
Mates with:
FFSD, FFTP, CLP,
FLE, SFMC, SFMH

APPLICATIONS

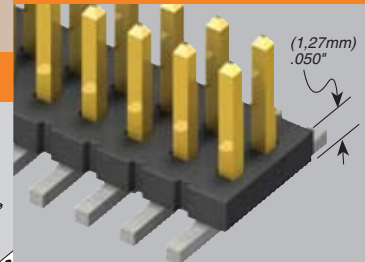


HORIZONTAL

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.

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.	

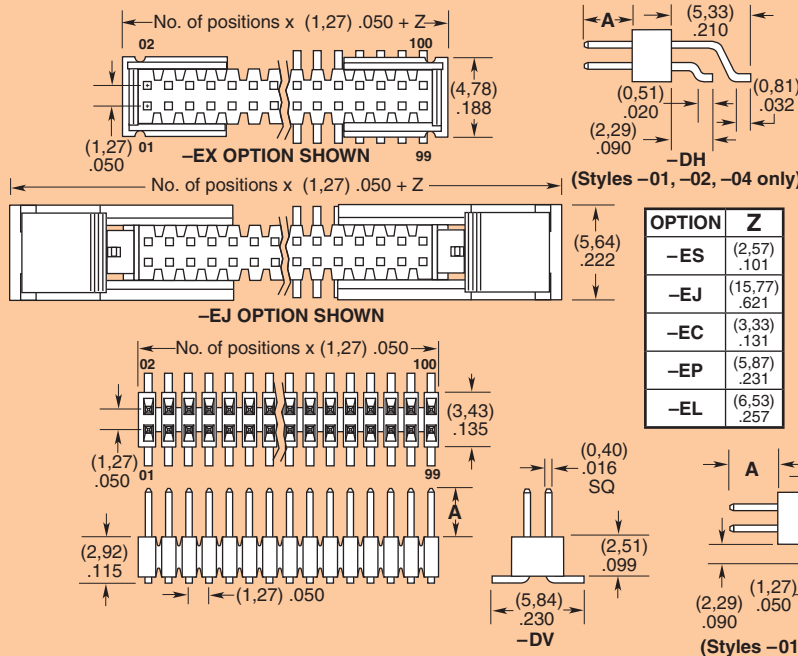
FTSH

1

NO. PINS PER ROW

LEAD STYLE

02 thru 50



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

-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

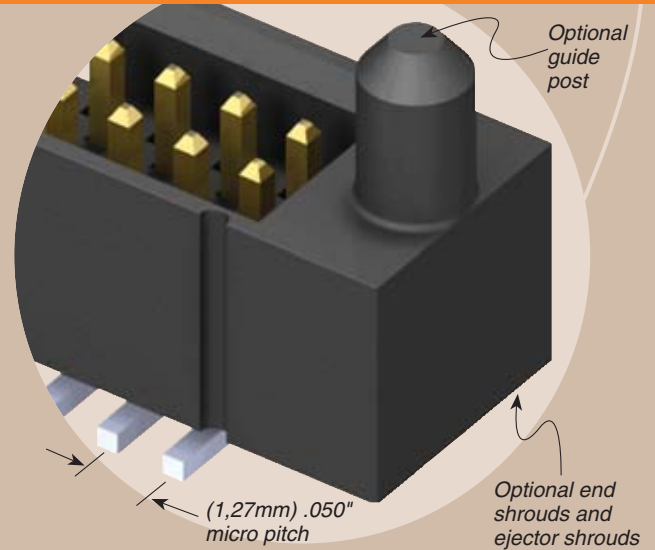
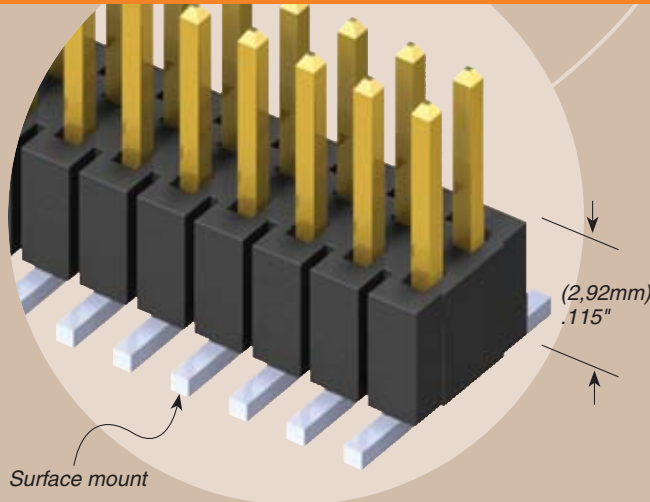
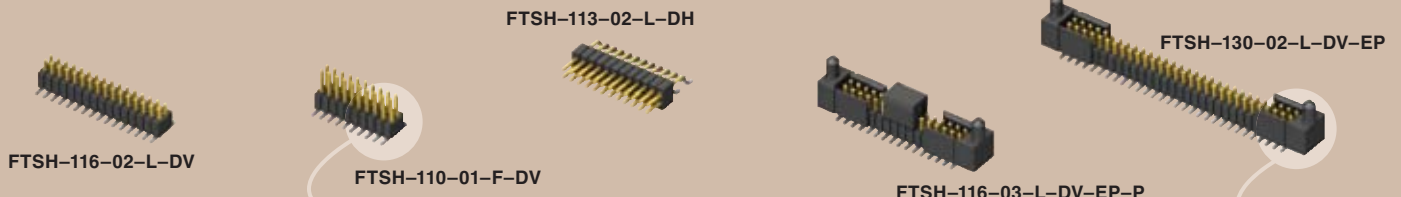
Note: Some sizes, styles and options are non-standard, non-returnable.

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

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
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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

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

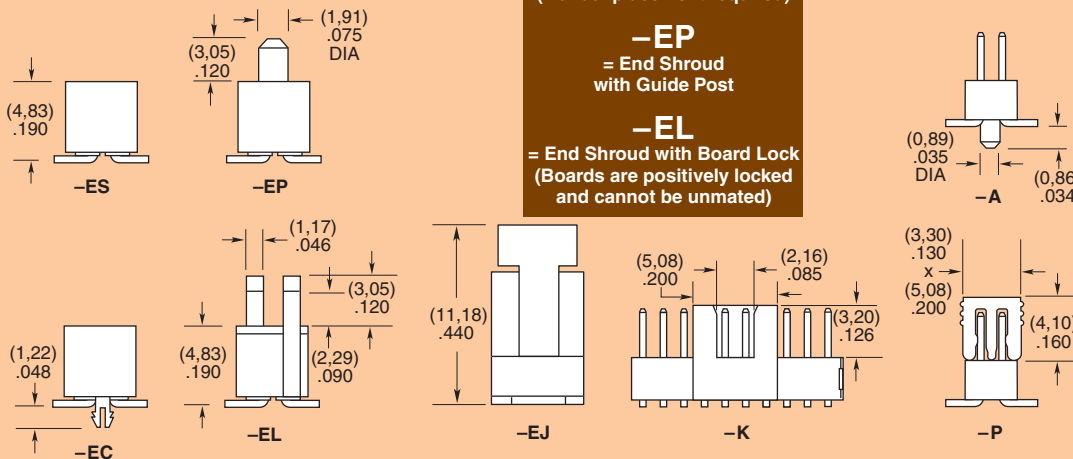
= (4,00mm) .157\"/>

-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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