

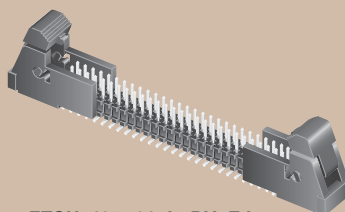


ELPTM
EXTENDED LIFE PRODUCT

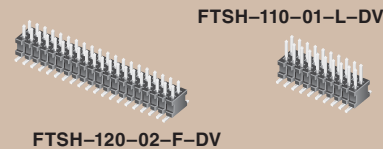
10 Year Mixed Flowing Gas (MFG)
Call Samtec for maximum cycles

(1,27mm) .050"

FTSH SERIES



FTSH-125-01-L-DV-EJ



FTSH-110-01-L-DV

FTSH-120-02-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"

(1,27µm) Ni

Current Rating:

1.75A @ 80°C ambient

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

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)



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.	

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

Note: See SFM/TFM for positive alignment feature.

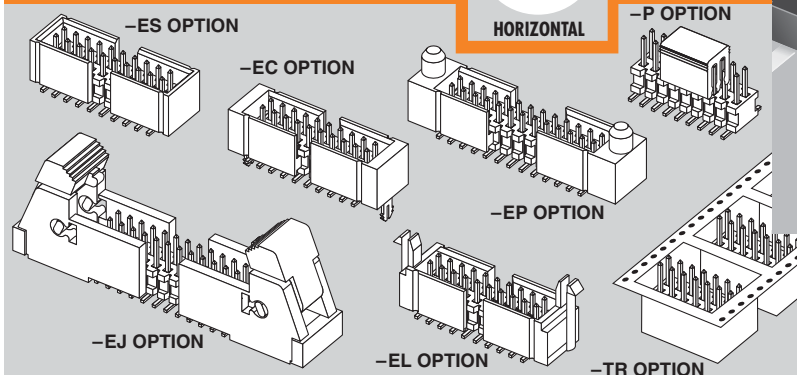
Mates with:
FFSD, CLP, FLE,
SFMC, SFMH

APPLICATIONS

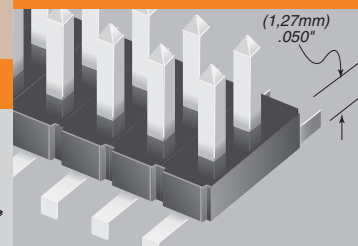


HORIZONTAL

OPTIONS



ALSO AVAILABLE



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

APPLICATION SPECIFIC OPTION

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

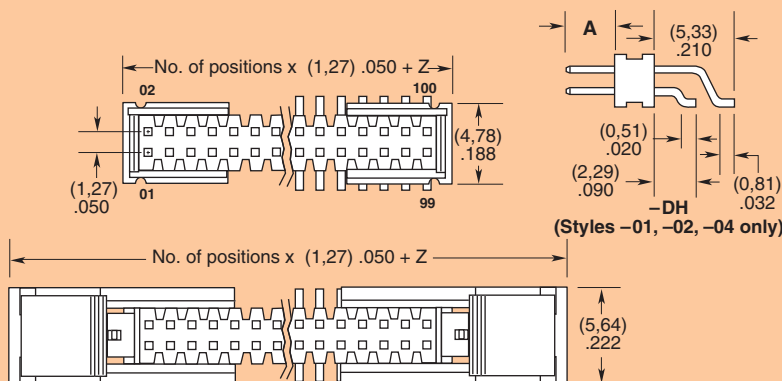
FTSH

1

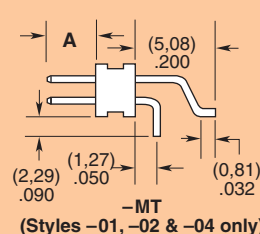
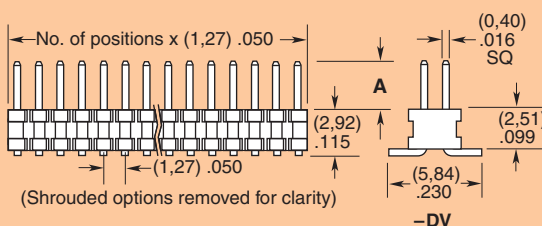
NO. PINS PER ROW

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

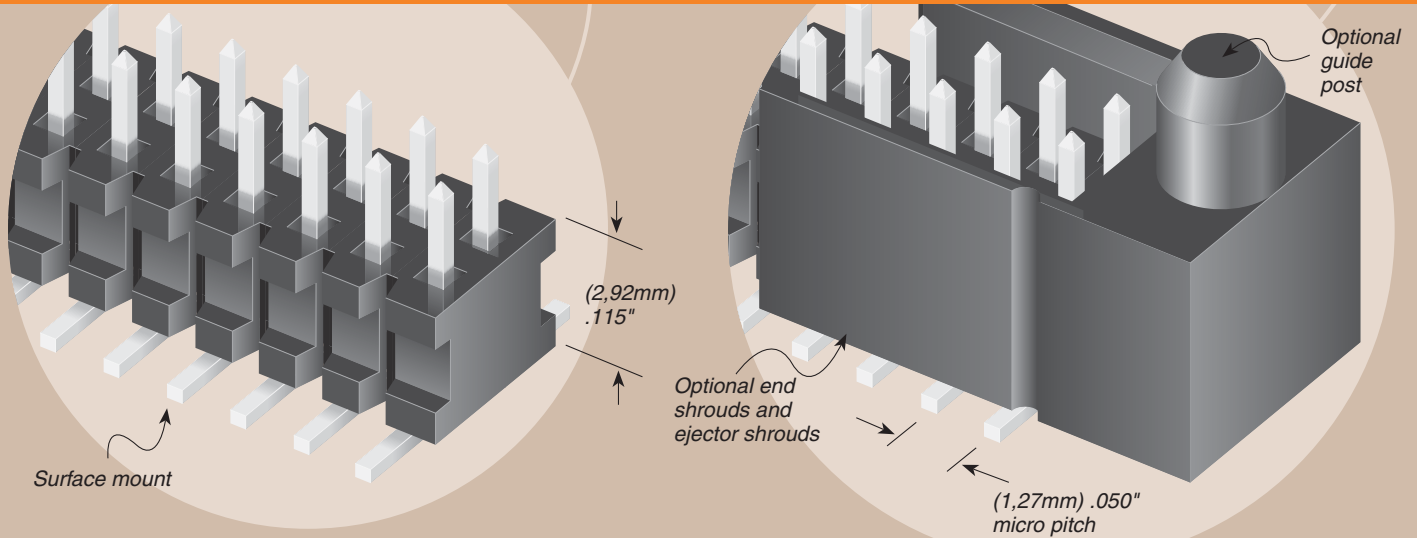
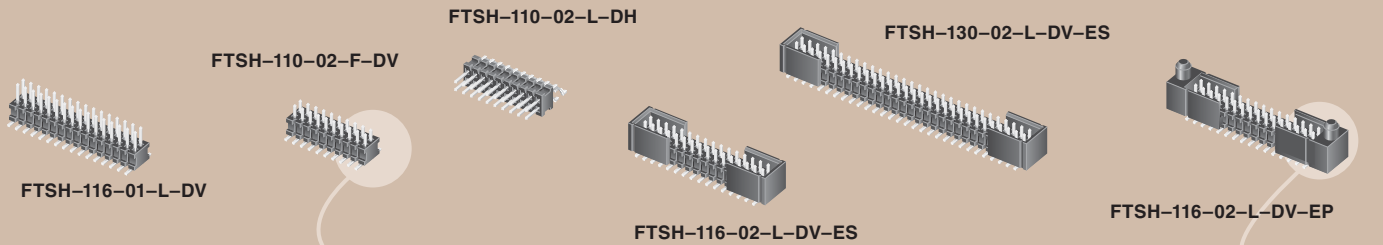


LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,65) .065
-04	(3,81) .150
-05	(4,32) .170

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

WWW.SAMTEC.COM

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PLATING OPTION

-F

= Gold flash on post,
Matte Tin on tail

-L

= 10 μ m (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)

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

-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

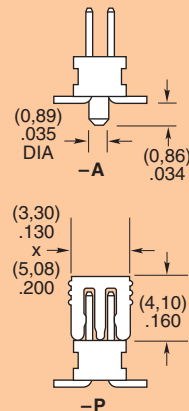
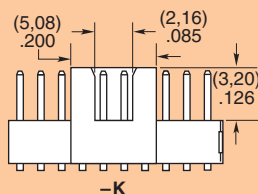
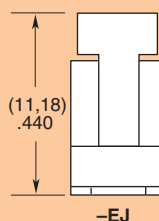
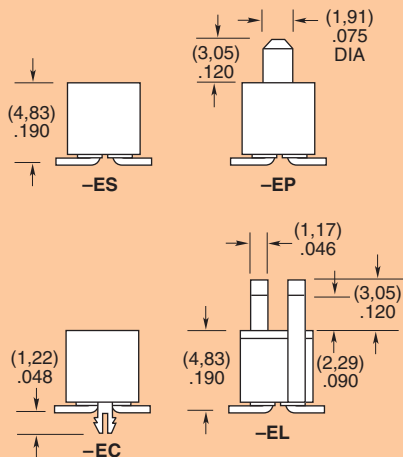
= (4,00mm) .157" DIA
Polyimide film
Pick & Place Pad
(-DH only)

-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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