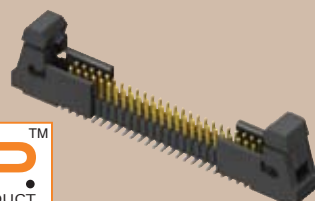




(1,27mm) .050"

FTSH SERIES



FTSH-125-01-L-DV-EJ



FTSH-120-01-F-DV

FTSH-110-01-L-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:

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)



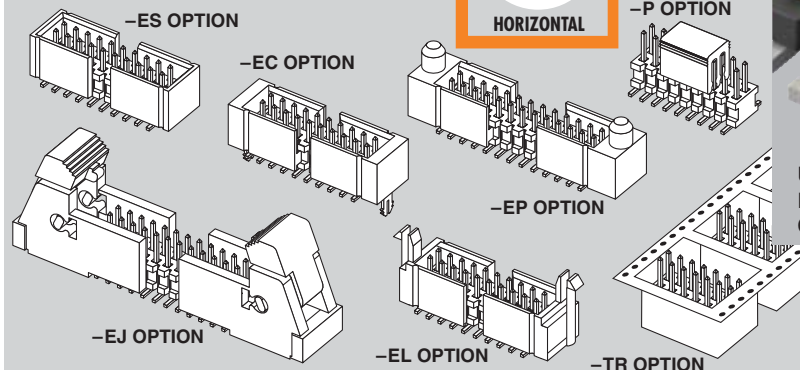
Mates with:
FFSD, FFTP, CLP,
FLE, SFMC, SFMH

APPLICATIONS

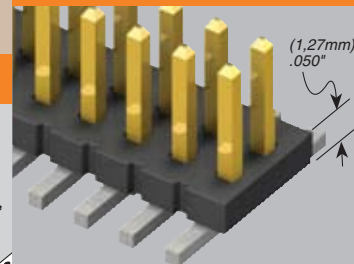


HORIZONTAL

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.

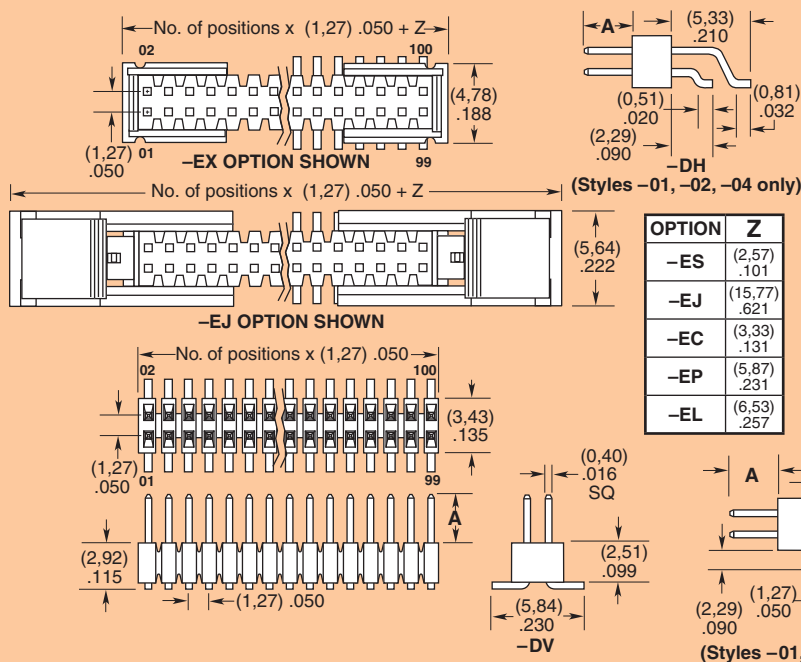
FTSH

1

NO. PINS
PER ROWLEAD
STYLE

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.	

02 thru 50



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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 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292
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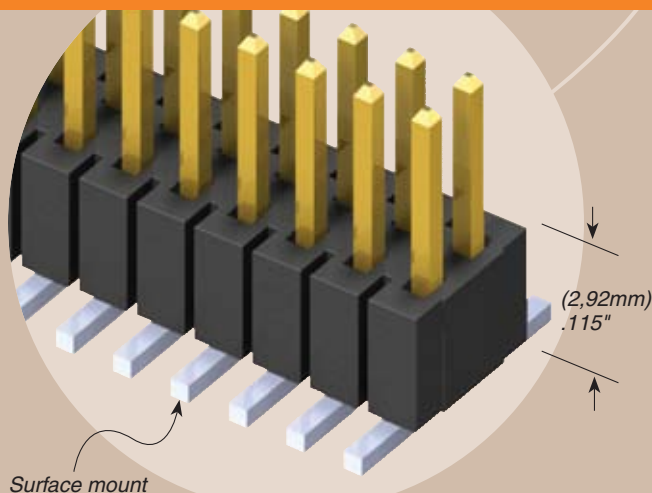
FTSH-116-02-L-DV

FTSH-110-01-F-DV

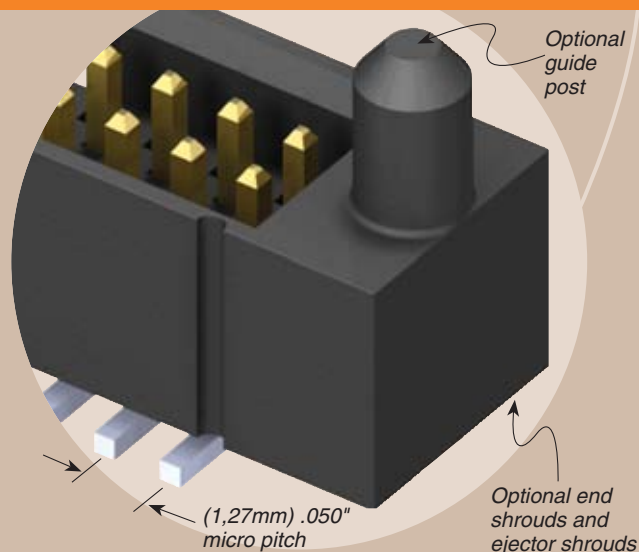
FTSH-113-02-L-DH

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

FTSH-130-02-L-DV-EP



Surface mount

Optional
guide
postOptional end
shrouds and
ejector shroudsPLATING
OPTION

-F

= Gold flash on post,
Matte Tin on tail

-L

= 10 μ " (0,25 μ m) Gold
on post, Matte Tin on tailNote: 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 maximumOTHER
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)

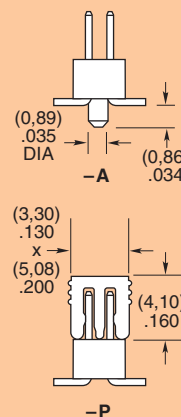
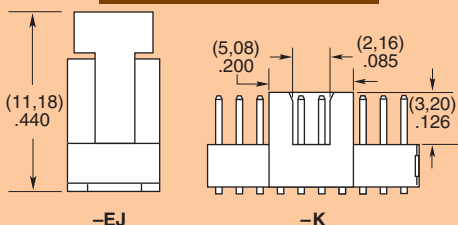
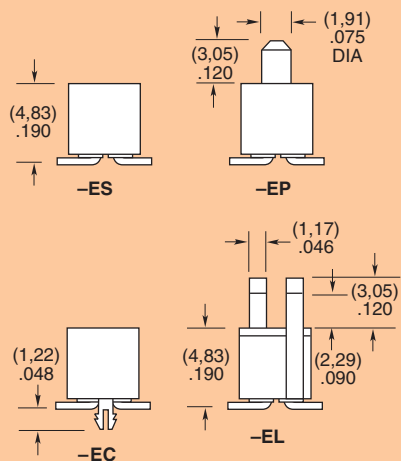
-C

= (4,00mm) .157" 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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