



(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

50µ" (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)

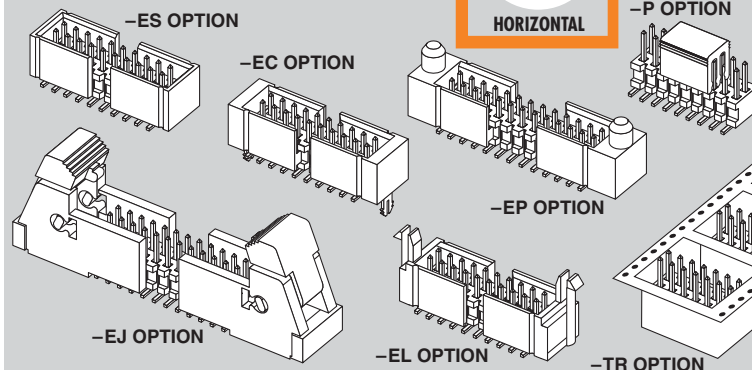
Mates with:
FFSD, FFTP, CLP, FLE

APPLICATIONS

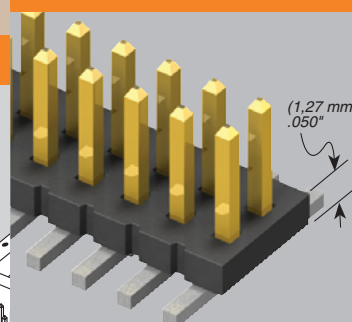


HORIZONTAL

OPTIONS



OTHER SOLUTIONS



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

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.

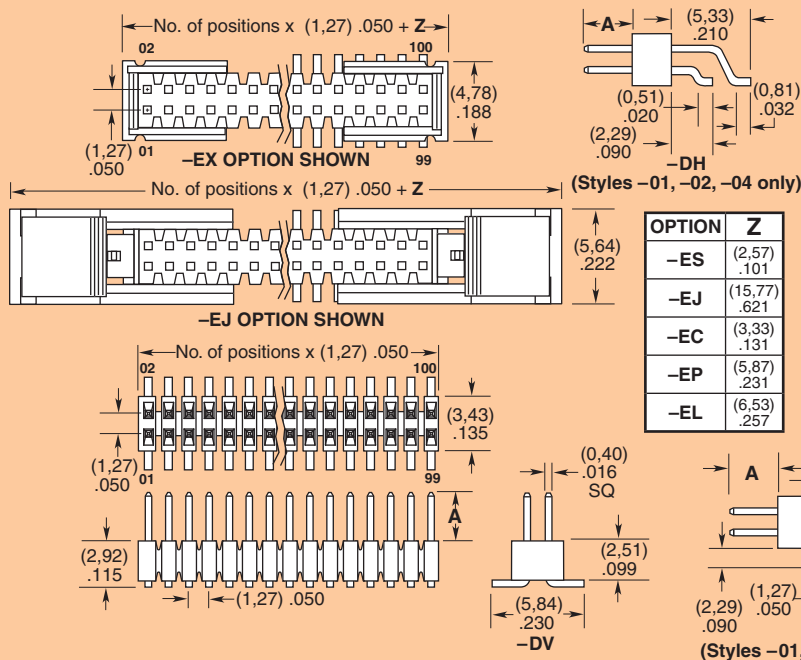
FTSH

1

NO. PINS
PER ROW

LEAD
STYLE

02 thru 50



-01
= (3,05 mm) .120" Post
(Mates with FFSD, CLP-DH)

-02
= (1,91 mm) .075" Post
(Mates with FLE)

-03
= (1,65 mm) .065" Post
(Mates with CLP-D)

-04
= (3,81 mm) .150" Post
(Mates with SFMC, SFMH)

-05
= (4,32 mm) .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

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

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FTSH-116-02-L-DV

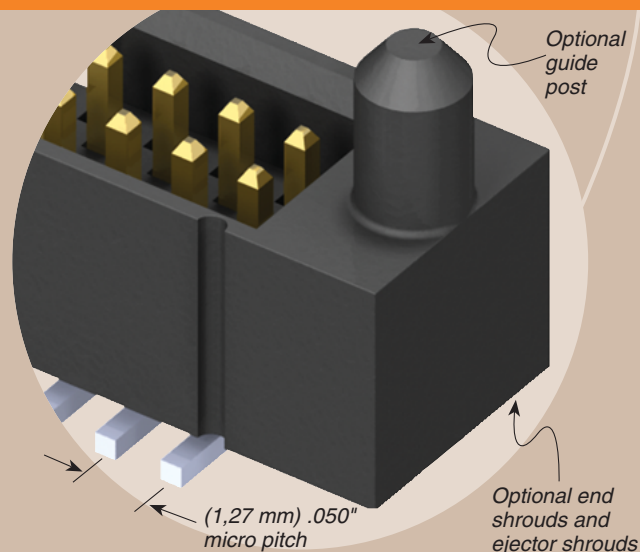
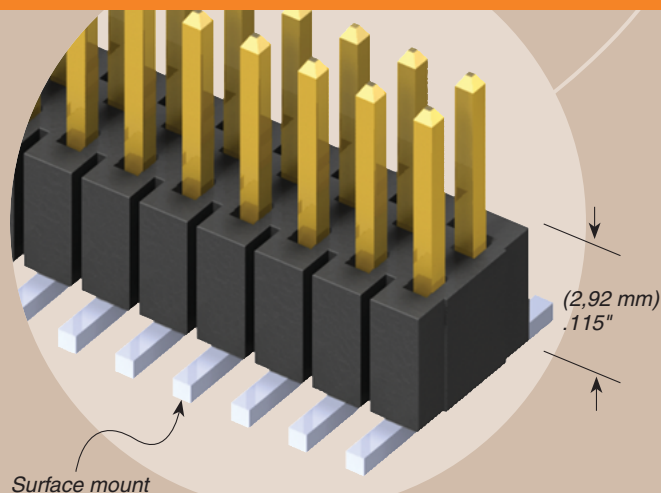
FTSH-110-01-F-DV

FTSH-113-02-L-DH

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

FTSH-130-02-L-DV-EP

FTSH SERIES

PLATING
OPTION

-F

= Gold flash on post,
Matte Tin on tail

-L

= 10 μ " (0,25 μ m) Gold
on post, Matte Tin on tailTAIL
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)

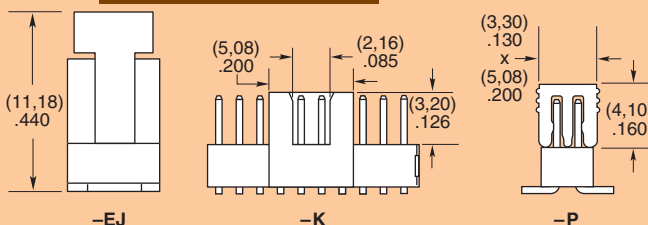
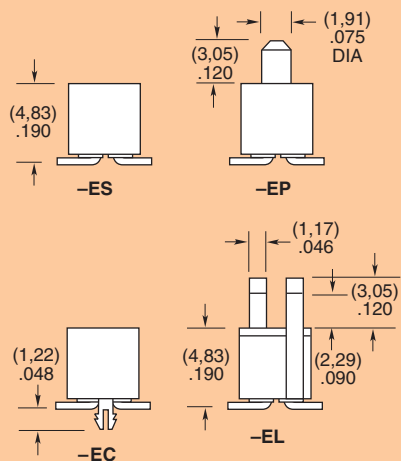
-C

= (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)

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