

FTSH-125-01-L-DV-EJ



FTSH-110-01-L-DV

FTSH-120-02-F-DV

Surface
SMT
Mount

T/H
Page 112

.050" MICRO HEADER FTSH SERIES

SPECIFICATIONS

Materials:

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Current Rating:
1.75A @ 80°C ambient

Operating Temp Range:
-65°C to +125°C

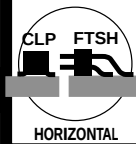
Plating:
Sn or Au over 50µ" (1.27µm) Ni

Note:
See SFM/TFM for positive alignment feature.

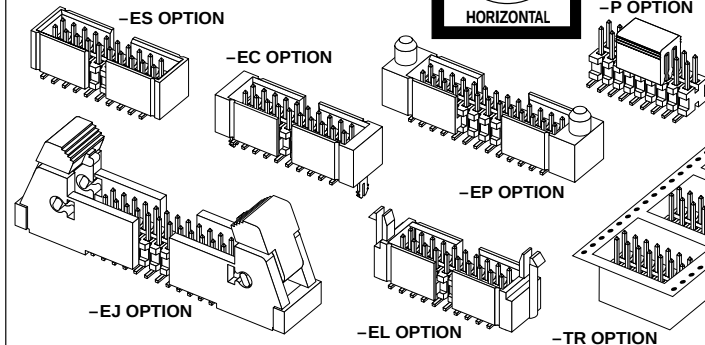
Note: Some sizes, styles and options are non-standard, non-returnable.

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

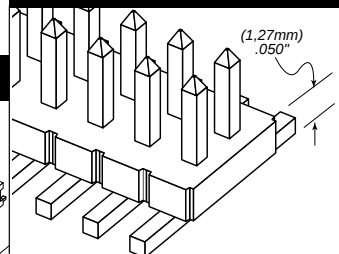
APPLICATIONS



OPTIONS



ALSO AVAILABLE



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

APPLICATION SPECIFIC OPTION

Molded pick-and-place pads and straddle mount leads available. Call Samtec.

Processing:

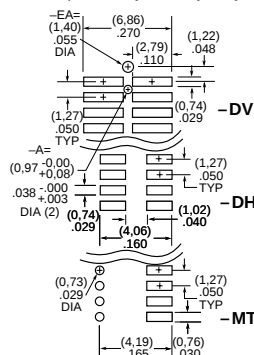
Max Processing Temp:
230°C for 60 seconds

SMT Lead Coplanarity:
(0.10mm) .004" max (02-25)
(0.15mm) .006" max (26-50)

Suggested Paste Thickness:

For most applications add (0.05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:
Your specific layout may vary



TAPE & REEL AVAILABILITY

No tooling charges.
125 piece minimum order.
Order any quantity above minimum.
In-house design, manufacture.
Quick turn-around.
Call Samtec for specifications and ordering information.

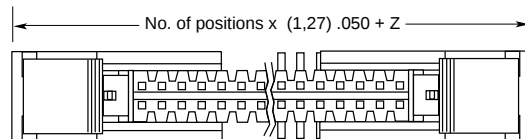
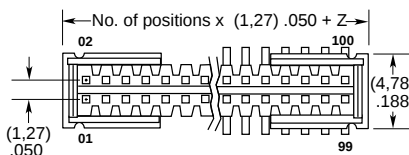
FTSH

1

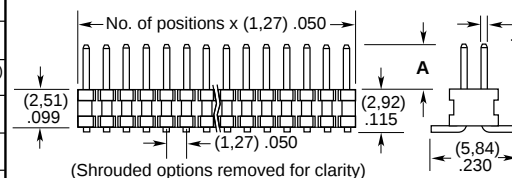
NO. PINS
PER ROW

LEAD
STYLE

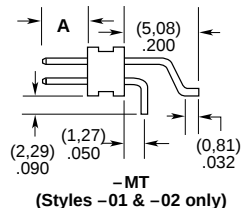
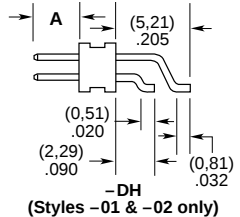
02 thru 50



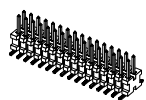
OPTION	Z
-ES	(1.55) .061
-EJ	(15.77) .621
-EC	(3.33) .131
-EP	(5.87) .231
-EL	(6.53) .257



LEAD STYLE	A
-01	(3.05) .120
-02	(1.91) .075
-03	(1.65) .065
-04	(3.81) .150



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

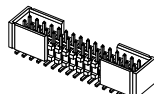


FTSH-116-01-L-DV

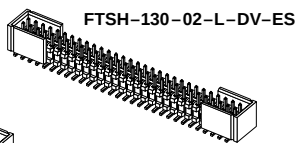
FTSH-110-02-F-DV



FTSH-110-02-L-DH

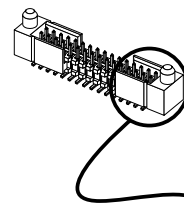


FTSH-116-02-L-DV-ES

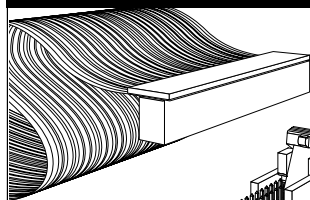


FTSH-130-02-L-DV-ES

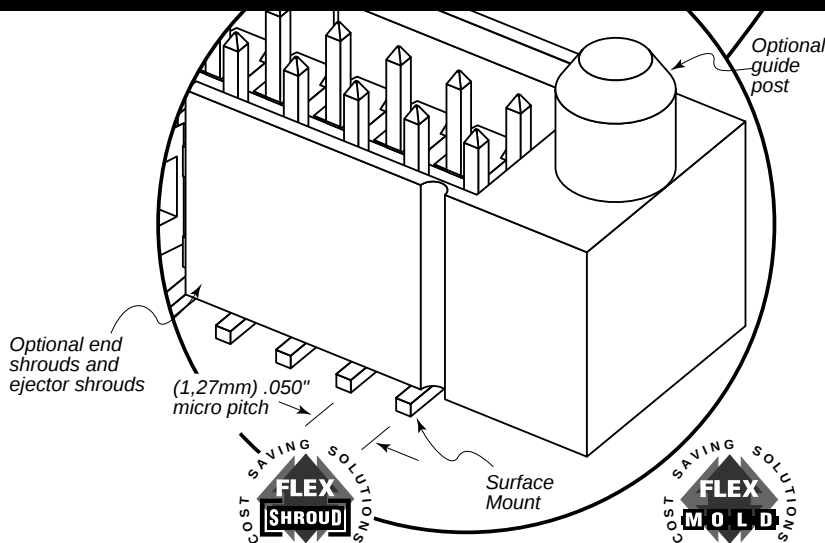
FTSH-116-02-L-DV-EP



APPLICATIONS



Flex cable with stiffener and socket mates with FTSH -EJ option. See FLE Series



COST SAVING SOLUTIONS
FLEX SHROUD

COST SAVING SOLUTIONS
FLEX MOLD

PLATING OPTION

-L
= 10μ" (0,25μm) Gold on post
75μ" (1,91μm) Tin on tail

-F
= Gold flash on post,
75μ" (1,91μm) Tin on tail

TAIL OPTION

-DV
= Double Vertical

-DH
= Double Horizontal
(Styles -01, -02 & -04 only)

-MT
= Mixed Technology
(Styles -01 & -02 only)

FLEX SHROUD OPTIONS

(Style -02 & -03 only, -DH not available)
9 pins/row minimum

-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

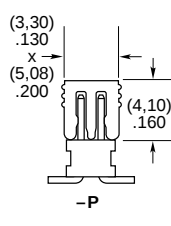
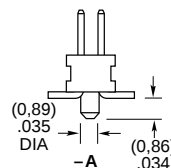
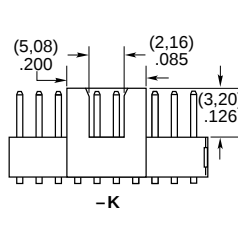
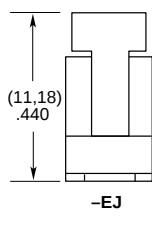
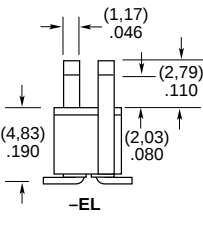
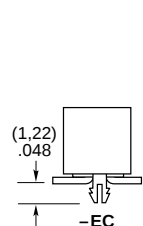
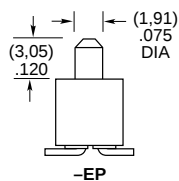
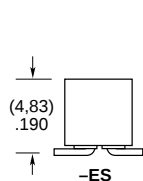
-K
= Keying Shroud
(For mating with FFSD
Styles -01 only, 05, 10, 13, 17,
20 & 25 pins/row only, 13, 17,
20 & 25 only with shrouds)

-A
= Alignment Pin
Not available with -K
(-DV 3 positions min.)
(-DH 8 positions min.)
(Metal or plastic at Samtec discretion)

-C
(Best Cost Option)
= (4,00mm) .157" DIA
Polyamide film
Pick & Place Pad
(-DH only)

-P
= Pick & Place Pad
(-DV 5 positions min.)
(-DH & -MT not available)

-TR
= Tape & Reel Packaging
(Tail option -DV &
-DH only)
Flex Shroud options
not available except
-ES & -EJ



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