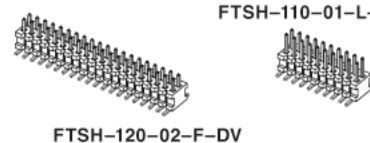
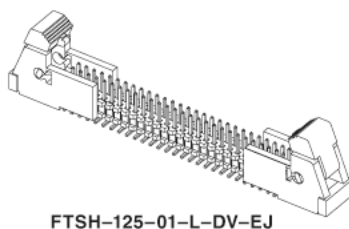


Surface
SMT
Mount

.050" MICRO HEADER FTSH SERIES



FTSH-120-02-F-DV

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:

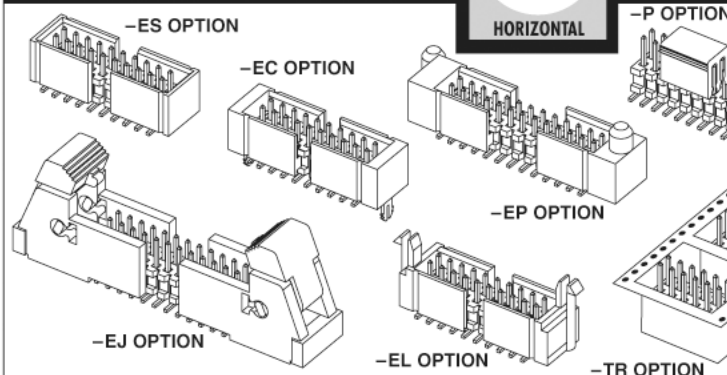
Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
Lead-Free Solderable:
Yes
SMT Lead Coplanarity:
(0,10mm) .004" max (02-25)
(0,15mm) .006" max (26-50)

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

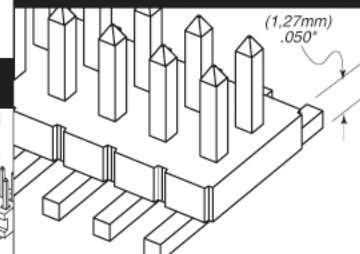
APPLICATIONS



OPTIONS



ALSO AVAILABLE



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

APPLICATION SPECIFIC OPTION

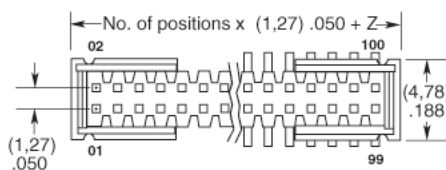
Molded pick-and-place pads,
latches and straddle mount
leads available.
Call Samtec.

FTSH

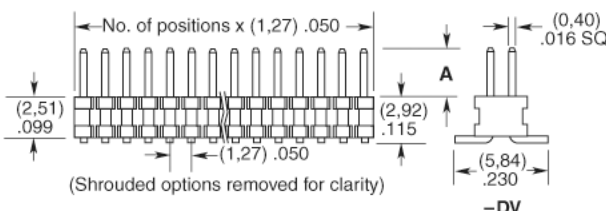
1

NO. PINS
PER ROWLEAD
STYLE

02 thru 50

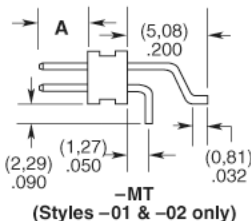
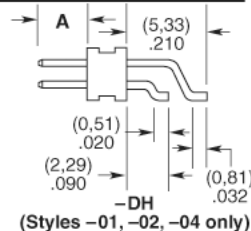


OPTION	Z
-ES	(2,57) .101
-EJ	(15,77) .621
-EC	(3,33) .131
-EP	(5,87) .231
-EL	(6,53) .257



- 01**
= (3,05) .120" Post (Mates with FFSD, FLE)
- 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)

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



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.

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 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC JAPAN • Tel: 045-475-1385 • Fax: 045-475-1340
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-61103766
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 11 4528112
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: +91-80-3272 1612 • Fax: +91-80-4152 8187
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745

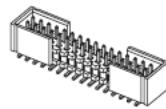


FTSH-116-01-L-DV

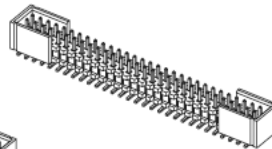
FTSH-110-02-F-DV



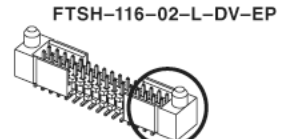
FTSH-110-02-L-DH



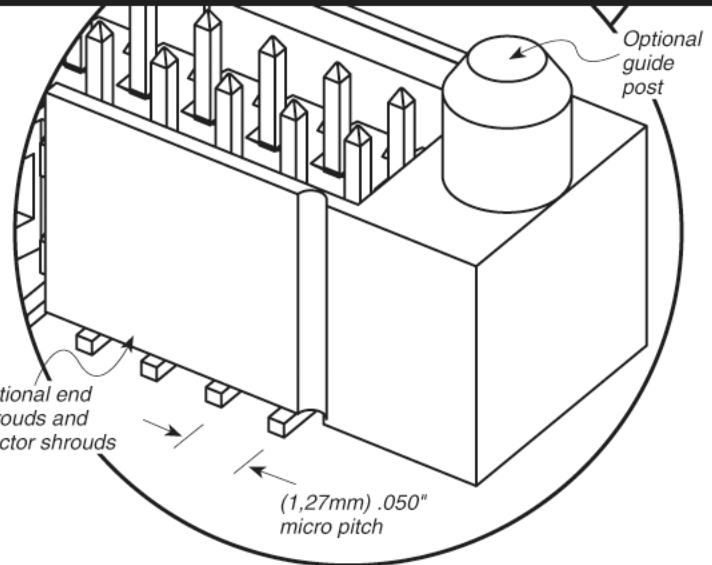
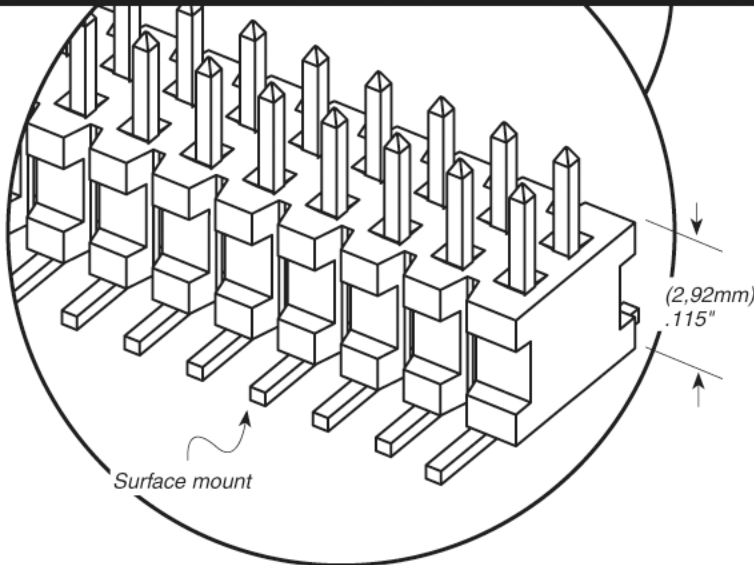
FTSH-116-02-L-DV-ES



FTSH-130-02-L-DV-ES



FTSH-116-02-L-DV-EP



PLATING OPTION

-L
= 10 μ (0,25 μ) Gold on post, Matte Tin on tail

-F
= Gold flash 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

-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)

OTHER OPTIONS

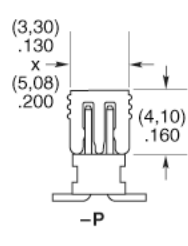
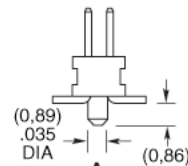
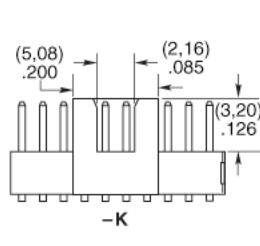
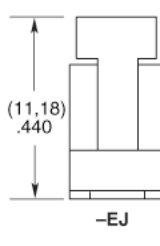
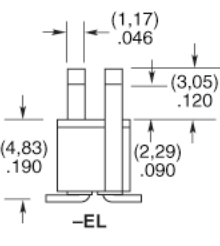
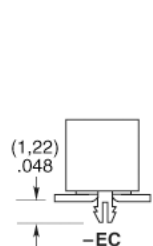
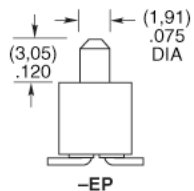
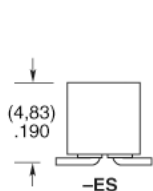
-K
= Keying Shroud (For mating with FFSD Styles -01 only, 05, 08, 10, 13, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 only with shrouds)

-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 (Tail option -DV & -DH only)
Flex Shroud options not available except -ES & -EJ



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 • Fax: 812-948-5047
SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0 • Fax: +49 (0) 89 / 89460-299
SAMTEC SCANDINAVIA • Tel: +46-84477280 • Fax: +46-84477280
SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 • Fax: 65 6841-1502
SAMTEC HONG KONG • Tel: 852-26904858 • Fax: 852-26904842
SAMTEC SILICON VALLEY • Tel: 408-395-5900 • Fax: 408-395-1520
SAMTEC FRANCE • Tel: 01 60 95 06 60 • Fax: 01 60 95 06 61
SAMTEC ISRAEL • Tel: 972-3-7526600 • Fax: 972-3-7526690
SAMTEC CHINA • Tel: 86-21-61103766 • Fax: 86-21-53854047
SAMTEC SOUTH AFRICA • Tel: 27 11 4528112 • Fax: 27 86 6714432
SAMTEC UK • Tel: 01236 739292 • Fax: 01236 727113
SAMTEC ITALY • Tel: 39 039 6890337 • Fax: 39 039 6890315
SAMTEC INDIA • Tel: +91-80-3272 1612 • Fax: +91-80-4152 8187
SAMTEC JAPAN • Tel: 045-475-1385 • Fax: 045-475-1340
SAMTEC TAIWAN • Tel: 886 02 2698-3367 • Fax: 886 02 8698-2159
SAMTEC ANZ • Tel: 613 9512 7747 • Fax: 613 9512 7745