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

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)

Note:

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

Note:

See SFM/TFM for positive alignment feature.

APPLICATIONS

EXTENDED LIFE PRODUCT

10 Year Mixed Flowing Gas (MFG)

Call Samtec for maximum cycles

ALSO AVAILABLE


APPLICATION SPECIFIC OPTION

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

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.

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APPLICATION SPECIFIC OPTION

Molded Pick & Place pads, latches and straddle mount leads available. Call Samtec.
Optional end shrouds and ejector shrouds

Surface mount

FTSH–110–02–F–DV

FTSH–110–02–L–DH

FTSH–130–02–L–DV–ES

FTSH–116–01–L–DV

FTSH–116–02–L–DV–ES


Optional guide post

PLATING OPTION

–F = Gold flash on post, Matte Tin on tail
–L = 10µ" (0.25µm) 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)

–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)

FLEX SHROUD OPTIONS

(Style –02 & –03 only, –DH not available)
9 pins/row minimum (Other positions available. Call Samtec.)

–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 Polymide 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)

–EJ
–EP
–ES
–EC
–EL
–A
–K
–P
–TR

(2.92mm) .115"

(1.27mm) .050"

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

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