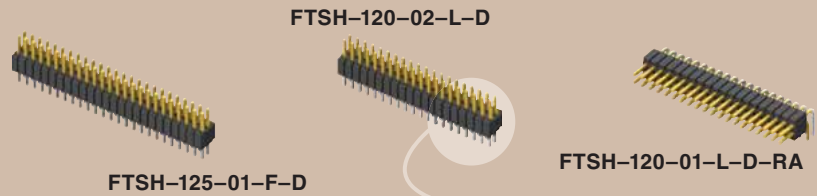




(1,27 mm) .050"

FTSH SERIES

# THROUGH-HOLE MICRO HEADER



## SPECIFICATIONS

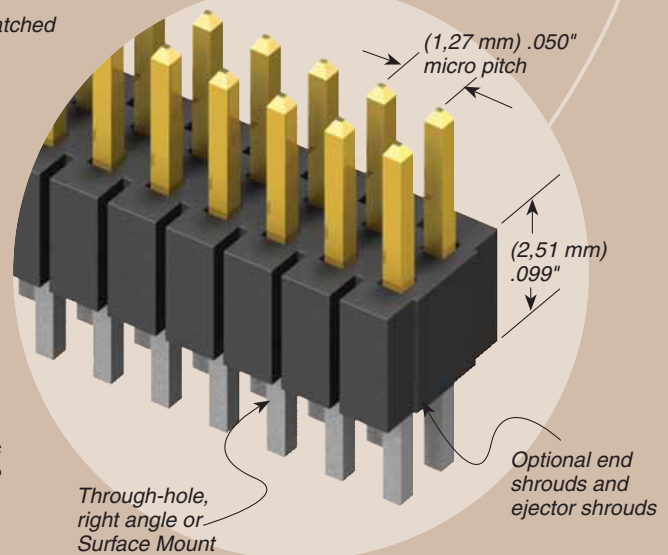
For complete specifications see [www.samtec.com?FTSH](http://www.samtec.com?FTSH)

- 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

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

Impedance matched for high speed applications (Mated with CLP Series)



## RECOGNITIONS

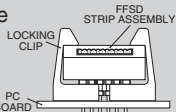
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FTSH - 1 NO. PINS PER ROW - LEAD STYLE - PLATING OPTION - D - TAIL OPTION - OTHER OPTIONS

## LOCKING CLIP

For single mating cycle with the FFSD. Specify -LC after tail option. Lead Style -01 and 10 pins/row minimum. 5-9 pins/row available in combination with keying shroud (-K).



## ALSO AVAILABLE (MOQ Required)

- Molded Pick & Place pads
  - Other platings
- Contact Samtec.

**Note:** See SFM/TFM for positive alignment feature.

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

**Specify LEAD STYLE from chart**

**02 thru 50**

No. of positions x (1,27) .050 + Z

(1,27) .050 (4,78) .188 (3,43) .135 (2,29) .090 (1,17) .046 (3,05) .120 (2,29) .090 (1,91) .075 DIA (11,18) .440 (5,08) .200 (2,16) .085 (3,20) .126 (2,29) .090 (2,29) .090 (1,27) .050 (1,27) .050 (1,27) .050

**Options:**

- F** = Gold flash on post, Matte Tin on tail
- L** = 10µ" (0,25 µm) Gold on post, Matte Tin on tail
- RA** = Right Angle
- ES** = End Shroud (Style -02 & -03) 9 pins/row min.
- EP** = End Shroud with Guide Post (Style -02 & -03) 9 pins/row min.
- EL** = End Shroud with Board Lock (Style -02 & -03) 9 pins/row min.
- EJ** = Ejector Shroud (Style -01 only) 10 pins/row min. 25 pins/row max. -RA not available
- K** = Keying Shroud (For mating with FFSD Style -01 only, 05, 08, 10, 13, 17, 20 & 25 pins/row only and 13, 17, 20 & 25 only with shrouds)

LEAD STYLE	A	OPTION	Z
-01	(3,05) .120	-ES	(1,55) .061
-02	(1,91) .075	-EJ	(15,77) .621
-03	(1,65) .065	-EP	(5,87) .231
-04	(3,81) .150	-EL	(6,53) .257

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)