

FTSH SERIES

(1.27 mm) .050"

THROUGH-HOLE MICRO HEADER

SPECIFICATIONS

For complete specifications see www.samtec.com?FTSH

Insulator Material:

Black Liquid Crystal Polymer
Terminal Material:
 Phosphor Bronze

Plating:

Sn or Au over 50 μm (1.27 μm) Ni
Current Rating (FTSH/CLP):
 3.4 A per pin
 (2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

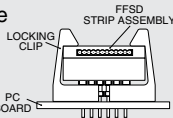
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



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 not available in combination with keying shroud (-K).

ALSO AVAILABLE (MOQ Required)

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

Notes:

See SFM/TFM for positive alignment feature.

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

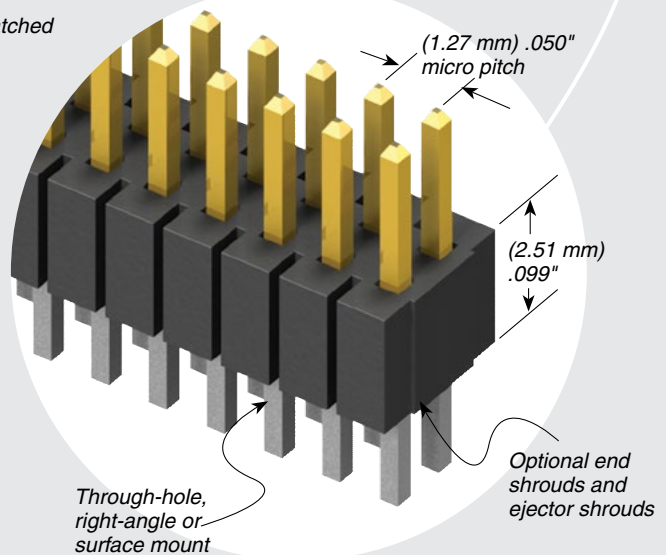
Board Mates:

CLP, FLE

Cable Mates:

FFSD, FFTP

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



Mates with socket strips or IDC cable

Through-hole, right-angle or surface mount

FTSH	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION	TAIL OPTION	OTHER OPTIONS																						
02 thru 50			Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail	-D Leave blank for Right-angle	-XXX = Polarized Position (Specify position of omitted pin) (Not available with -EX options)	-RA = Right-angle	-ES = End Shroud (Style -02 & -03) 9 pins/row min.																						
				-L = 10 μm (0.25 μm) Gold on post, Matte Tin on tail				-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 -EJ option)																						
<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> <th>MATES WITH</th> <th>OPTION</th> <th>Z</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(3.05) .120</td> <td>FFSD, CLP-DH</td> <td>-ES</td> <td>(1.55) .061</td> </tr> <tr> <td>-02</td> <td>(1.91) .075</td> <td>FLE</td> <td>-EJ</td> <td>(15.77) .621</td> </tr> <tr> <td>-03</td> <td>(1.65) .065</td> <td>CLP-D</td> <td>-EP</td> <td>(5.87) .231</td> </tr> <tr> <td>-04</td> <td>(3.81) .150</td> <td>N/A</td> <td>-EL</td> <td>(6.53) .257</td> </tr> </tbody> </table>	LEAD STYLE	A		MATES WITH		OPTION	Z	-01	(3.05) .120	FFSD, CLP-DH	-ES	(1.55) .061	-02	(1.91) .075	FLE	-EJ	(15.77) .621	-03	(1.65) .065	CLP-D	-EP	(5.87) .231	-04	(3.81) .150	N/A	-EL	(6.53) .257			
LEAD STYLE	A	MATES WITH	OPTION	Z																										
-01	(3.05) .120	FFSD, CLP-DH	-ES	(1.55) .061																										
-02	(1.91) .075	FLE	-EJ	(15.77) .621																										
-03	(1.65) .065	CLP-D	-EP	(5.87) .231																										
-04	(3.81) .150	N/A	-EL	(6.53) .257																										

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