

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 µ" (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

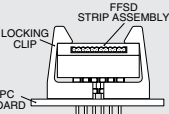
RECOGNITIONS

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

Notes: See SFM/TFM for positive alignment feature.

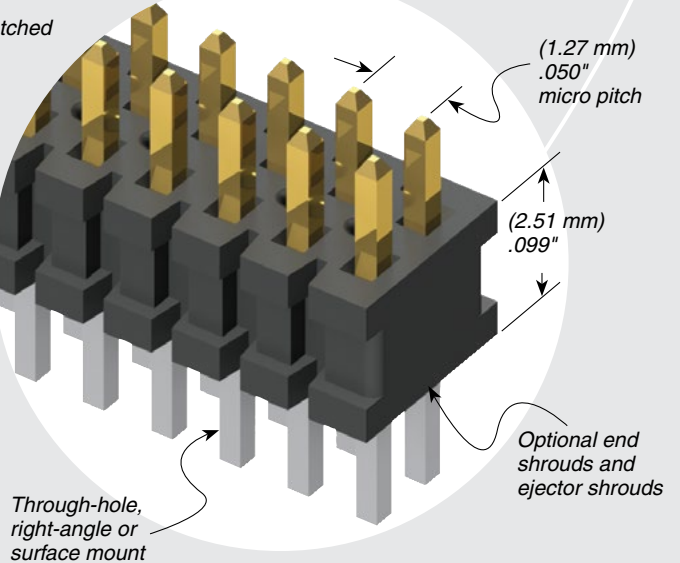
Some sizes, styles and options are non-standard, non-returnable.

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		Leave blank for Right-angle -“XXX” = Polarized Position (Specify position of omitted pin) (Not available with -EX options)	Leave blank for straight 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, 15, 17, 20 & 25 pins/row only and 13, 17, 20 & 25 only with -EJ option)

LEAD STYLE	A	MATES WITH	OPTION	Z
-01	(3.05) .120	FFSD	-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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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