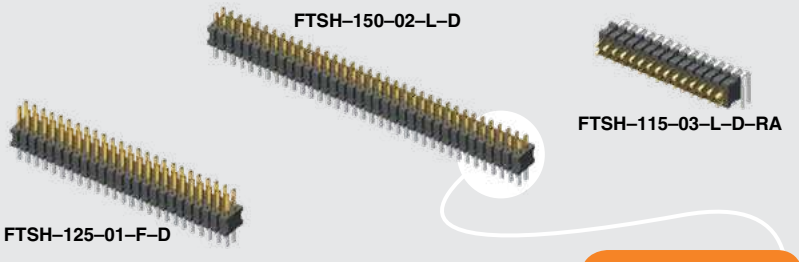
EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

samtec

10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES



(1.27 mm) .050"

FTSH SERIES

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

Board Mates:
CLP, FLE

Cable Mates:
FFSD, FFTP

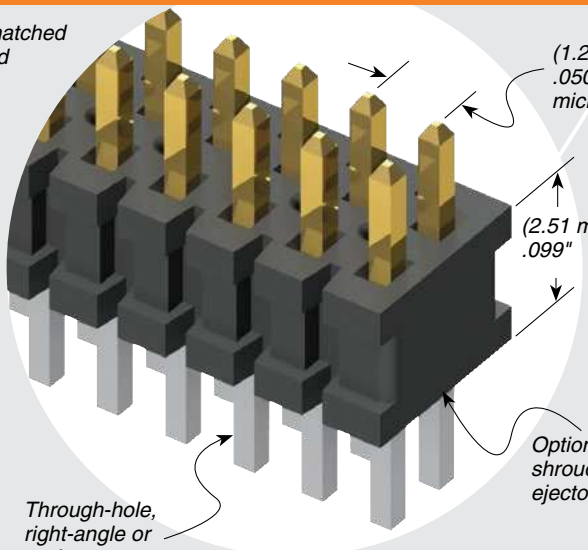
PROCESSING

Lead-Free Solderable:
Yes

RECOGNITIONS

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

FILE NO. E111594



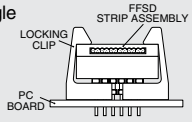
HIGH-SPEED CHANNEL PERFORMANCE

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

8 Gbps

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).



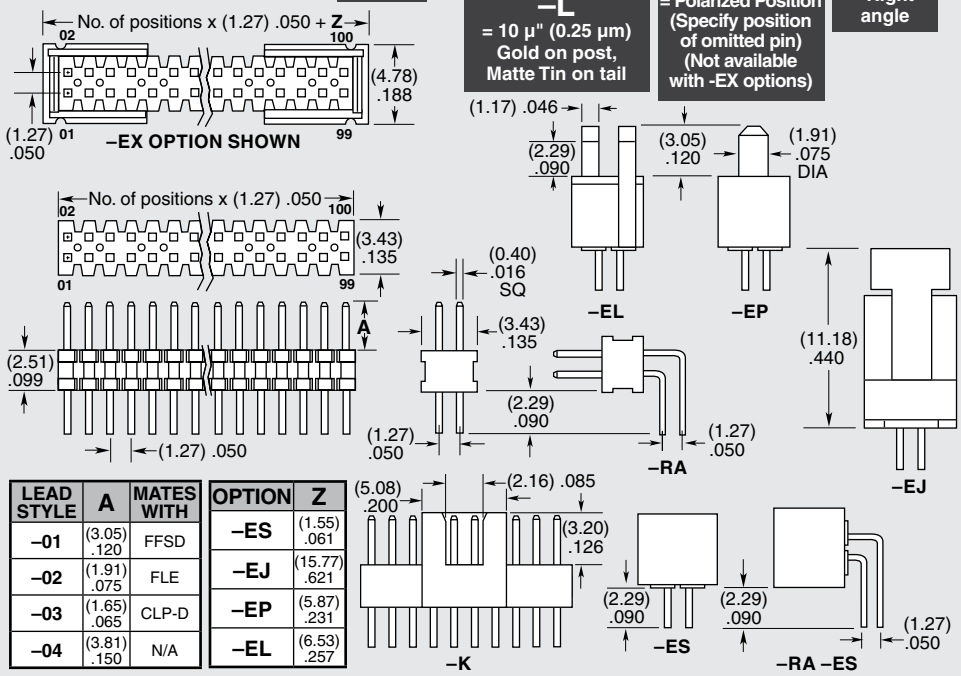
ALSO AVAILABLE (MOQ Required)

- Molded Pick & Place pads
- Other platings

Notes:
See SFM/TFM for positive alignment feature.

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

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 –L = 10 µ" (0.25 µm) Gold 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 (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
–01	(3.05) .120	FFSD
–02	(1.91) .075	FLE
–03	(1.65) .065	CLP-D
–04	(3.81) .150	N/A

OPTION	Z
–ES	(1.55) .061
–EJ	(15.77) .621
–EP	(5.87) .231
–EL	(6.53) .257

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

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.