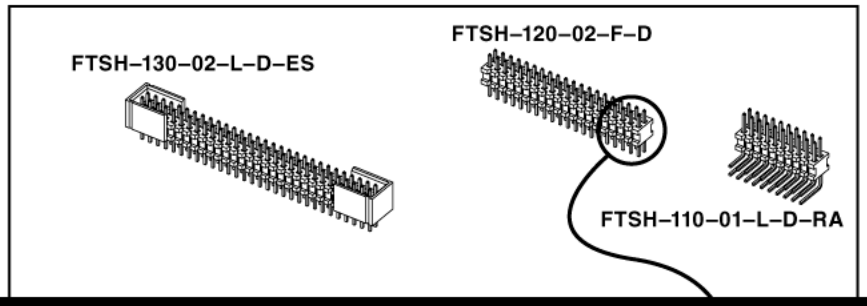
samtec



RoHS Compliant
Pb LEAD
www.samtec.com/lead-free

Through T/H Hole

.050" MICRO HEADER FTSH SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?FTSH

Insulator Material:
Black Liquid Crystal Polymer

FILE NO. E111594

Terminal Material:
Phosphor Bronze

Plating:
Sn or Au over 50µ" (1,27µm) Ni

Current Rating:
1.75A @ 80°C ambient

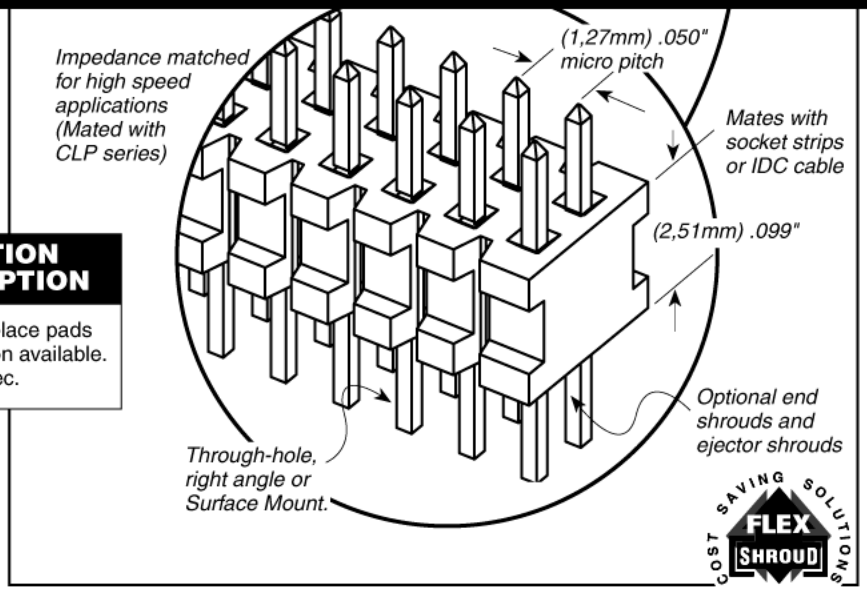
Operating Temp Range:
-55°C to +125°C

Note:
See SFM/TFM for positive alignment feature.

Mates with:
FFSD, CLP, FLE

APPLICATION SPECIFIC OPTION

Molded pick-and-place pads and single row option available. Call Samtec.



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

Processing:

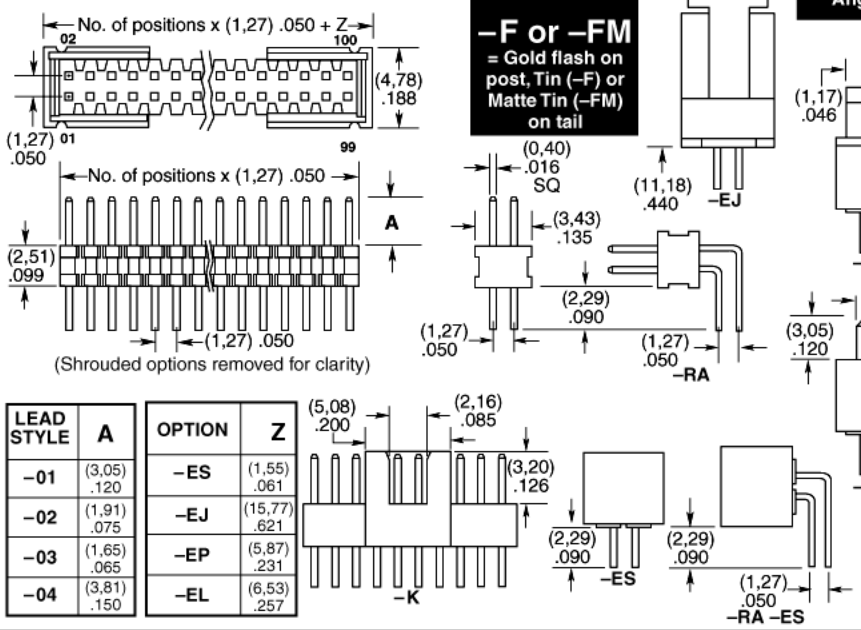
Max Processing Temp:
230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating

Lead-Free Solderable:
Wave, or reflow with Matte Sn

SMT COMPATIBLE THROUGH-HOLE

SUDDEN SPECS!
www.samtec.com

FTSH	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	D	–	TAIL OPTION	–	OTHER OPTIONS
			02 thru 50		Specify LEAD STYLE from chart		–L or –LM = 10µ" (0,25µm) Gold on post, Tin (–L) or Matte Tin (–LM) on tail –F or –FM = Gold flash on post, Tin (–F) or Matte Tin (–FM) on tail				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 minimum 25 pins/row max. –RA not available –K = Keying Shroud (For mating with FFSD Styles –01 only, 05, 08, 10, 13, 15, 17, 20 & 25 pins/row only, 13, 17, 20 & 25 only with shrouds)



LEAD STYLE	A
–01	(3,05) .120
–02	(1,91) .075
–03	(1,65) .065
–04	(3,81) .150

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.

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