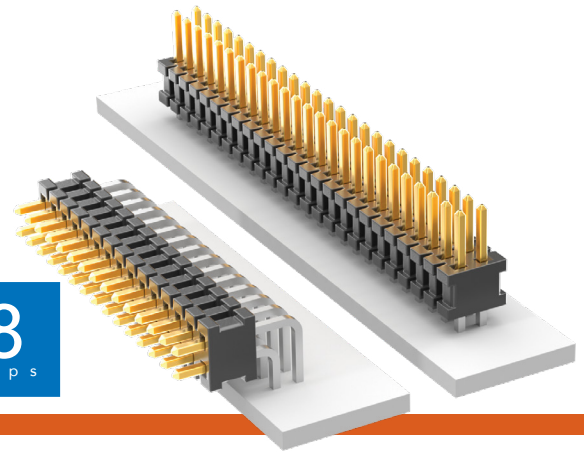
THROUGH-HOLE MICRO HEADER

(1.27 mm) .050" PITCH • FTSH SERIES

8 Gbps



FTSH
Board Mates:
CLP, FLE

Cable Mates:
FFSD, FFTP

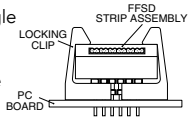
SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Plating:
Sn or Au over 50 µ" (1.27 µm) Ni
Operating Temp Range:
-55 °C to +125 °C
Current Rating (FTSH/CLP):
3.4 A per pin
(2 pins powered)
Current Rating (FTSH/FLE):
2.9 A per pin
(2 pins powered)
Voltage Rating:
280 VAC/396 VDC

PROCESSING

Lead-Free Solderable:
Yes

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
Contact Samtec

Molded Pick & Place pads
Other platings

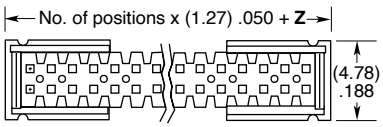
10 YEAR MFG WITH 30 µ" GOLD
EXTENDED LIFE PRODUCT
HIGH MATING CYCLES

Notes:
Severe Environment Testing qualified; aligns with MIL-DTL-55302. Visit samtec.com/set

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

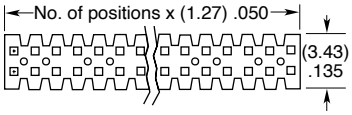
See SFM/TFM for positive alignment feature.

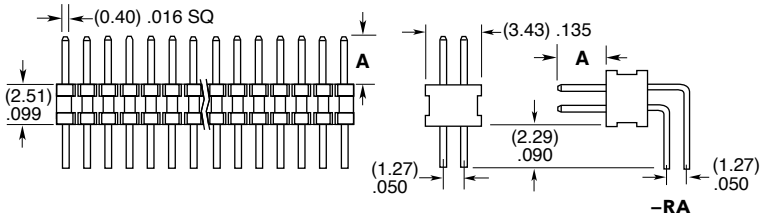
FTSH	-	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OPTION	TAIL OPTION	OTHER OPTIONS
			02 thru 50	Specify LEAD STYLE from chart	–F = Gold flash on post, Matte Tin on tail –L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail		Leave blank for RIght-angle –"XXX" = Polarized Position (Specify position 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 minimum –EP = End Shroud with Guide Post (Style –02 & –03) 9 pins/row minimum –EL = End Shroud with Board Lock (Style –02 & –03) 9 pins/row minimum –EJ = Ejector Shroud (Style –01 only) 10 pins/row minimum 25 pins/row maximum –RA not available –K = Keying Shroud for mating with FFSD (Style –01 only, 05 thru 25 pins/row only. 13, 17, 20 & 25 only with -EJ option)



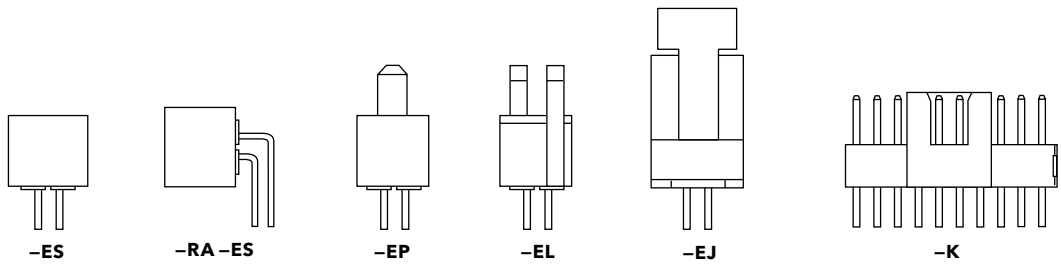
–EX OPTION SHOWN

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





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



Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.