THROUGH-HOLE MICRO HEADER

(1.27 mm) .050" PITCH • FTSH SERIES

8 Gbps
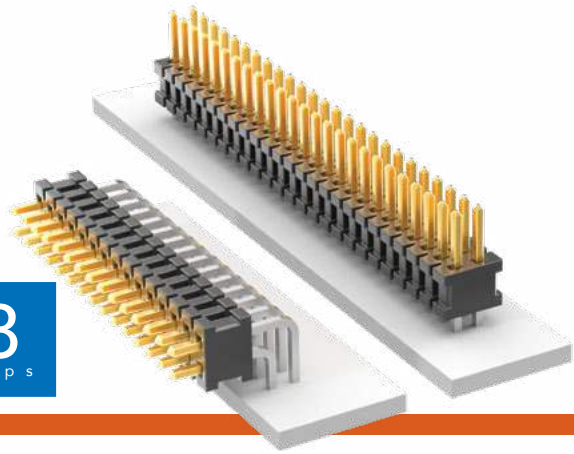
FTSH

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
Current Rating (FTSH/CLP):
3.4 A per pin
(2 pins powered)
Operating Temp Range:
-55 °C to +125 °C

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).
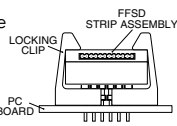
ALSO AVAILABLE
MOQ Required

Molded Pick & Place pads
Other platings

Notes:
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

NO. PINS PER ROW: 02 thru 50

LEAD STYLE: Specify LEAD STYLE from chart

PLATING OPTION:
–F = Gold flash on post, Matte Tin on tail
–L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

OPTION:
Leave blank for RIght-angle
–"XXX" = Polarized Position (Specify position of omitted pin) (Not available with -EX options)

TAIL OPTION:
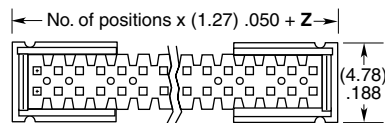Leave blank for straight tail
–RA = Right-angle

OTHER OPTIONS:
–ES = End Shroud (Style –02 & –03) 9 pins/row minimum
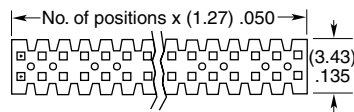–EP = End Shroud with Guide Post (Style –02 & –03) 9 pins/row minimum
–EL = End Shroud with Board Lock (Style –02 & –03) 9 pins/row minimum
–EJ = Ejector Shroud (Style –01 only) 10 pins/row minimum 25 pins/row maximum –RA not available
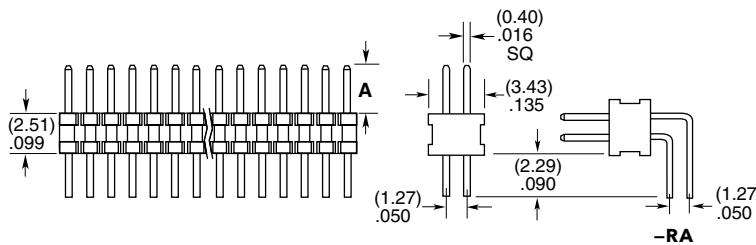–K = Keying Shroud for mating with FFSD (Style –01 only, 05 thru 25 pins/row only. 13, 17, 20 & 25 only with -EJ option)

–EX OPTION SHOWN

No. of positions x (1.27) .050 + **Z**
(4.78) .188

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

No. of positions x (1.27) .050
(3.43) .135

(2.51) .099
(1.27) .050
A
(0.40) .016 SQ
(3.43) .135
(2.29) .090
(1.27) .050
–RA

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

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

–ES **–RA –ES** **–EP** **–EL** **–EJ** **–K**