

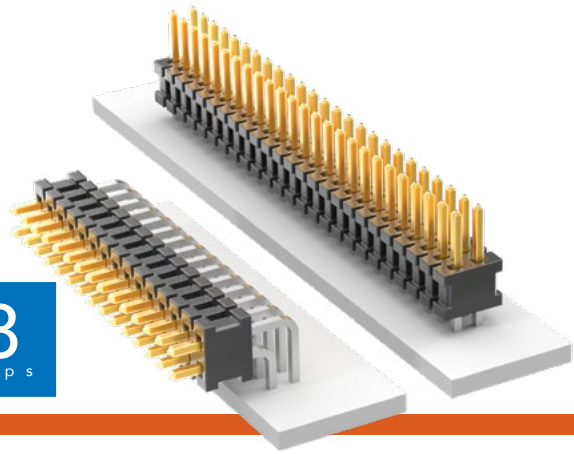


**THE DATASHEET OF  
FTSH-106-04-F-DH**



# THROUGH-HOLE MICRO HEADER

(1.27 mm) .050" PITCH • FTSH SERIES



## 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  $\mu$ " (1.27  $\mu$ m) Ni

**Current Rating (FTSH/CLP):**

3.4 A per pin

(2 pins powered)

**Operating Temp Range:**

-55 °C to +125 °C

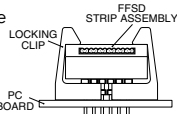
### PROCESSING

**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).

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  $\mu$ " (0.25  $\mu$ m) 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

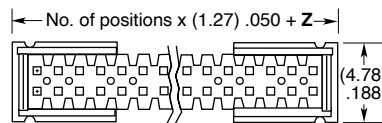
**-ES**  
= End Shroud (Style -02 & -03) 9 pins/row minimum

**-EP**  
= End Shroud with Guide Post (Style -02 & -03) 9 pins/row minimum

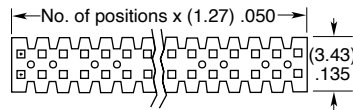
**-EL**  
= End Shroud with Board Lock (Style -02 & -03) 9 pins/row minimum

**-EJ**  
= Ejector Shroud (Style -01 only) 10 pins/row minimum 25 pins/row maximum -RA not available

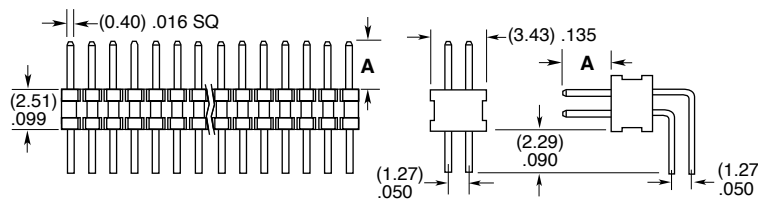
**-K**  
= Keying Shroud for mating with FFSD (Style -01 only, 05 thru 25 pins/row only. 13, 17, 20 & 25 only with -EJ option)



-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

### ALSO AVAILABLE

MOQ Required

Molded Pick & Place pads

Other platings

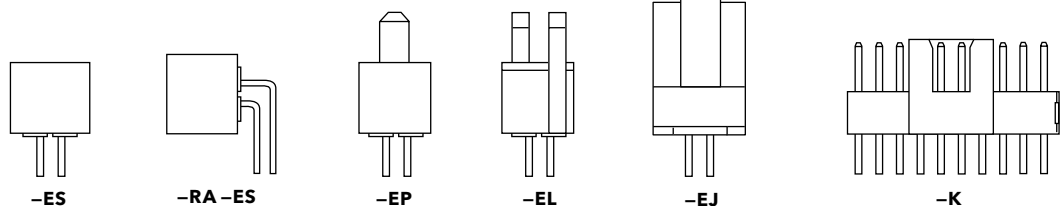


### Notes:

Severe Environment Testing qualified; aligns with MIL-DTL-55302. Visit [samtec.com/set](http://samtec.com/set)



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

See SFM/TFM for positive alignment feature.



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View FTSH-106-04-F-DH on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management