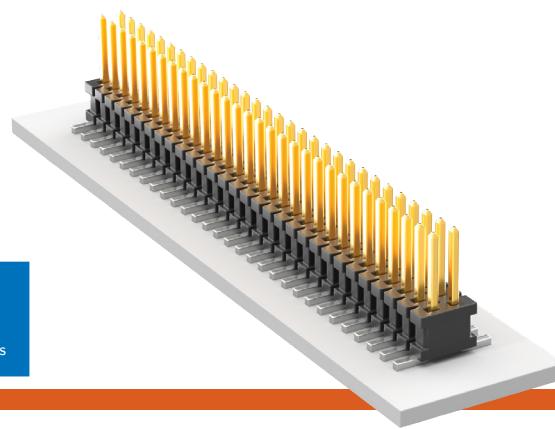




# SURFACE MOUNT MICRO HEADER

(1.27 mm) .050" PITCH • A-FTSH SERIES

8  
Gbps



**A-FTSH**  
Board Mates:  
A-CLP

A-FTSH	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	OTHER OPTIONS
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## 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 (A-FTSH/A-CLP):** 3.4 A per pin (2 pins powered)  
**Voltage Rating:** 280 VAC/396 VDC  
**Operating Temp Range:** -55 °C to +125 °C

02  
thru  
50

**-01**  
= (3.05 mm) .120" Post  
**-02**  
= (1.91 mm) .075" Post  
**-03**  
= (1.65 mm) .065" Post (Mates with A-CLP-D)  
**-04**  
= (3.81 mm) .150" Post (Mates with A-CLP-DH)  
**-05**  
= (4.32 mm) .170" Post (Mates with A-CLP-BE)

**-L**  
= 10  $\mu$ " (0.25  $\mu$ m) Gold on post, Matte Tin on tail

**-DV**  
= Double Vertical

**-A**  
= Alignment Pin (3 positions minimum)

**-P**  
= Pick & Place Pad (4 positions minimum)

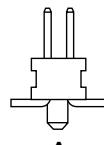
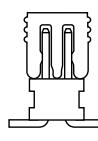
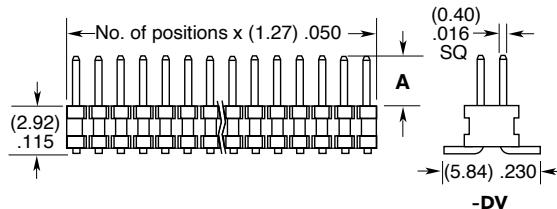
**-TR**  
= Tape & Reel

## PROCESSING

**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0.10 mm) .004" max



LEAD STYLE	A
-01	(3.05) .120
-02	(1.91) .075
-03	(1.65) .065
-04	(3.81) .150
-05	(4.32) .170



**Notes:**  
 Severe Environment Testing qualified.  
 Visit [samtec.com/set](http://samtec.com/set)  
 Some sizes, styles and options are non-standard, non-returnable.  
 See A-SFM/A-TFM for positive alignment feature.

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