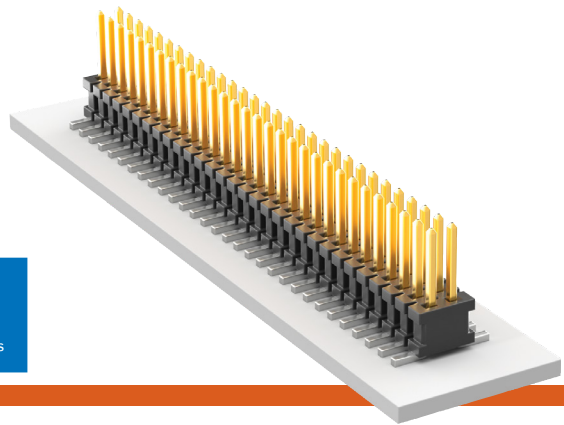




# SURFACE MOUNT MICRO HEADER

(1.27 mm) .050" PITCH • A-FTSH SERIES

8  
G b p s



## A-FTSH Board Mates: A-CLP

### 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

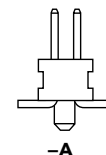
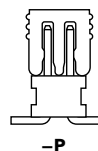
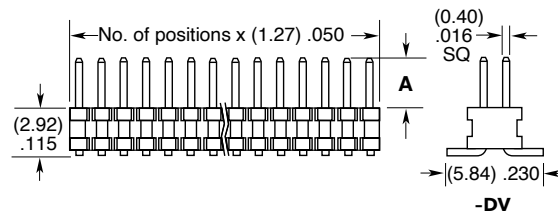
### PROCESSING

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

A-FTSH	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	OTHER OPTIONS
		02 thru 50	<b>-01</b> = (3.05 mm) .120" Post  <b>-02</b> = (1.91 mm) .075" Post  <b>-03</b> = (1.65 mm) .065" Post (Mates with A-CLP-D)  <b>-04</b> = (3.81 mm) .150" Post (Mates with A-CLP-DH)  <b>-05</b> = (4.32 mm) .170" Post (Mates with A-CLP-BE)	<b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on post, Matte Tin on tail	<b>-DV</b> = Double Vertical	<b>-A</b> = Alignment Pin (3 positions minimum)  <b>-P</b> = Pick & Place Pad (4 positions minimum)  <b>-TR</b> = Tape & Reel



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.

[samtec.com/Automotive](http://samtec.com/Automotive)

A-225