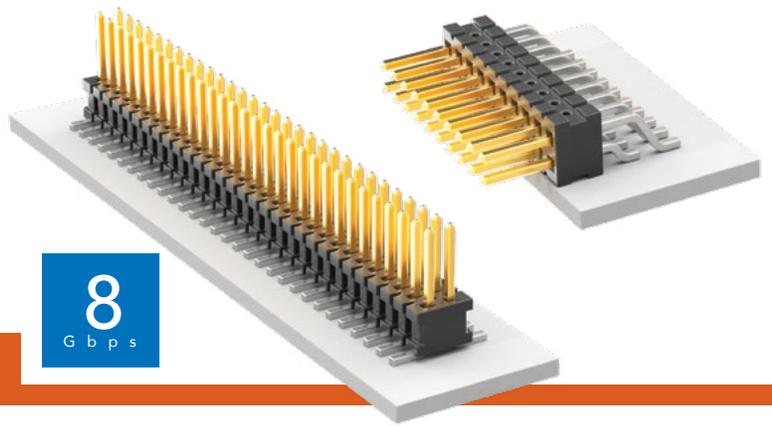




# SURFACE MOUNT MICRO HEADER

(1.27 mm) .050" PITCH • A-FTSH SERIES



**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)

**Operating Temp Range:**  
-55 °C to +125 °C

## PROCESSING

**Lead-Free Solderable:**  
Yes

**SMT Lead Coplanarity:**  
-DV Tail Option:  
(0.10 mm) .004" max (02-25)  
-DH Tail Option:  
(0.15 mm) .006" max (26-50)\*  
\*(.004" stencil solution may be available; contact ipg@samtec.com)

## ALSO AVAILABLE

MOQ Required

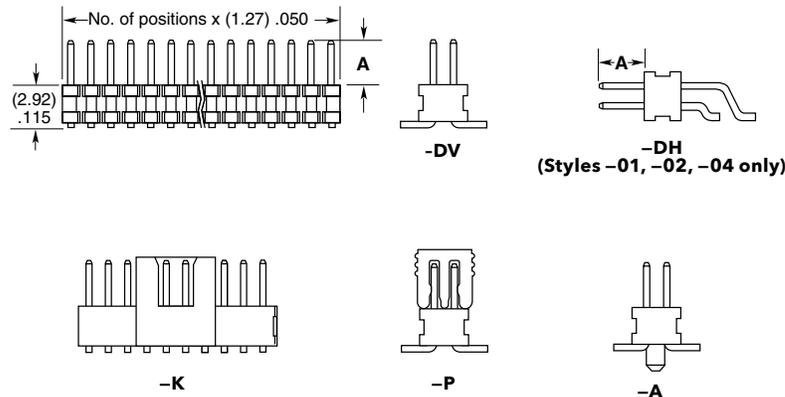
Molded Pick & Place pads

Latches

Other platings

<b>02 thru 50</b>	<b>-01</b> = (3.05 mm) .120" Post	<b>-L</b> = 10 $\mu$ " (0.25 $\mu$ m) Gold on post, Matte Tin on tail	<b>-DV</b> = Double Vertical	<b>-K</b> = Keying Shroud Style -01 only and 05, 08, 10, 13, 15, 17, 20 & 25 pins/row only. (-DV only)
	<b>-02</b> = (1.91 mm) .075" Post		<b>-DH</b> = Double Horizontal (Styles -01, -02 & -04 only)	<b>-A</b> = Alignment Pin (-DV 3 positions minimum) (-DH 5 positions minimum) (plastic at Samtec discretion)
	<b>-03</b> = (1.65 mm) .065" Post (Mates with A-CLP-D)			<b>-C</b> = (5.00 mm) .197" DIA Polyimide film Pick & Place Pad (-DH only)
	<b>-04</b> = (3.81 mm) .150" Post (Mates with A-CLP-DH)			<b>-P</b> = Pick & Place Pad (-DV 4 positions minimum) (-DH not available)
	<b>-05</b> = (4.32 mm) .170" Post (Mates with A-CLP-BE)			<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:**  
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.