

(1.27 mm) .050"

FTS SERIES

# MICRO LOW-PROFILE TERMINAL STRIPS

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FTS](http://www.samtec.com?FTS)

### HI-TEMP

- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Phosphor Bronze
- Operating Temp Range:** -55 °C to +125 °C
- Plating:** Sn or Au over 50 μ" (1.27 μm) Ni
- Current Rating:** 3.4 A per pin (2 pins powered)
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Yes
- SMT Lead Coplanarity:** .004" (0.10 mm) max

## RECOGNITIONS

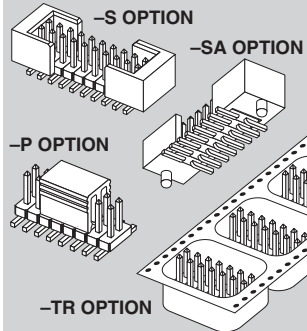
For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Board Mates:**  
CLP, FLE

**Cable Mates:**  
FFSD

## OPTIONS



Mates with socket strips or IDC cable

Surface mount or through-hole

Micro pitch .050" x .050" (1.27 mm x 1.27 mm)

Low-profile (1.27 mm) .050"

Shrouded and alignment pin options available

Impedance matched for high-speed applications

## ALSO AVAILABLE (MOQ Required)

- Alignment pin
- Contact Samtec.

FTS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION										
		02 thru 50 (except -S & -SA option = 05 thru 46)	<p><b>-01</b> = .120" (3.05 mm) Post (Mates with FFSD)</p> <p><b>-02</b> = .075" (1.91 mm) Post (Mates with FLE)</p> <p><b>-03</b> = .065" (1.65 mm) Post (Mates with CLP)</p> <p><b>-04</b> = .150" (3.81 mm) Post</p>	<p><b>-F</b> = Gold flash on post, Matte Tin on tail</p> <p><b>-L</b> = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p>	<p><b>-D</b> = Double Through-hole</p> <p><b>-DV</b> = Double Vertical SMT</p> <p><b>-S</b> = Single Through-hole</p> <p><b>-SV</b> = Single Vertical SMT</p>	<p>(-D &amp; -DV only)</p> <p><b>-SA</b> = End Shroud with Alignment Pin (05 thru 46 positions. Style -02 &amp; -03 only)</p> <p><b>-S</b> = End Shroud (05 thru 46 positions. Style -02 &amp; -03 only)</p> <p><b>-P</b> = Pick &amp; Place Pad (04 positions minimum)</p> <p><b>-TR</b> = Tape &amp; Reel (-DV only) (Required callout for positions 2 thru 4)</p>										
			<table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>A</th> </tr> </thead> <tbody> <tr> <td>-01</td> <td>(3.05) .120</td> </tr> <tr> <td>-02</td> <td>(1.91) .075</td> </tr> <tr> <td>-03</td> <td>(1.65) .065</td> </tr> <tr> <td>-04</td> <td>(1.50) .150</td> </tr> </tbody> </table>	LEAD STYLE	A	-01	(3.05) .120	-02	(1.91) .075	-03	(1.65) .065	-04	(1.50) .150			
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<p>Note: Some lengths, styles and options are non-standard, non-returnable.</p>			<p>Due to technical progress, all designs, specifications and components are subject to change without notice.</p>													