

(1.27 mm) .050"

FTS SERIES

MICRO LOW-PROFILE TERMINAL STRIPS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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



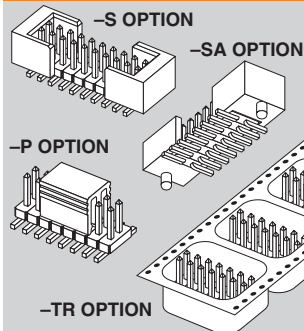
ALSO AVAILABLE (MOQ Required)

- Alignment pin

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

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>-01 = .120" (3.05 mm) Post (Mates with FFSD)</p> <p>-02 = .075" (1.91 mm) Post (Mates with FLE)</p> <p>-03 = .065" (1.65 mm) Post (Mates with CLP)</p> <p>-04 = .150" (3.81 mm) Post</p>	<p>-F = Gold flash on post, Matte Tin on tail</p> <p>-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail</p>	<p>-D = Double Through-hole</p> <p>-DV = Double Vertical SMT</p> <p>-S = Single Through-hole</p> <p>-SV = Single Vertical SMT</p>	<p>(-D & -DV only)</p> <p>-SA = End Shroud with Alignment Pin (05 thru 46 positions. Style -02 & -03 only)</p> <p>-S = End Shroud (05 thru 46 positions. Style -02 & -03 only)</p> <p>-P = Pick & Place Pad (04 positions minimum)</p> <p>-TR = Tape & 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>(3.81) .150</td> </tr> </tbody> </table>	LEAD STYLE	A	-01	(3.05) .120	-02	(1.91) .075	-03	(1.65) .065	-04	(3.81) .150	
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Note: Some lengths, styles and options are non-standard, non-returnable.

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

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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