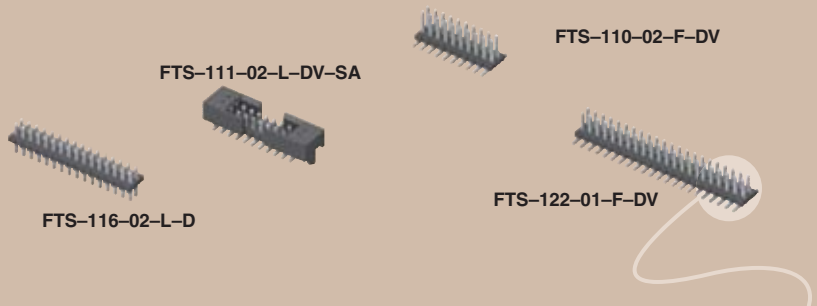


(1,27mm) .050"

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)

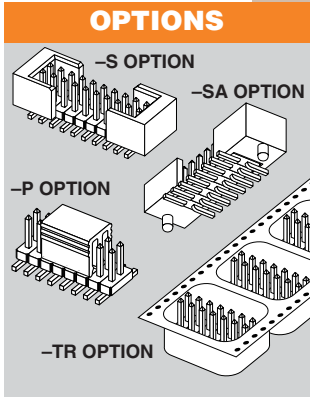
### HI-TEMP

**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Current Rating:** 1.75A @ 80°C ambient  
**Operating Temp Range:** -55°C to +125°C  
**Plating:** Sn or Au over 50µ" (1,27µm) Ni  
**RoHS Compliant:** Yes  
**Lead-Free Solderable:** Wave, or reflow with Matte Sn plating  
**SMT Lead Coplanarity:** .004" (0,10mm) max

**Mates with:** FFSD, CLP, FLE, SFMC (LIF)

Mates with socket strips or IDC cable

Low profile (1,27mm) .050"



Surface mount or through hole

Micro pitch .050" x .050" (1,27mm x 1,27mm)

Impedance matched for high speed applications

Shrouded and alignment pin options available

## ALSO AVAILABLE

Single row (Mates to CLP Series). Call Samtec.

## APPLICATION SPECIFIC OPTION

Alignment Pin. Call 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" (3,05mm) Post (Mates with FFSD)</p> <p><b>-02</b> = .075" (1,91mm) Post (Mates with FLE)</p> <p><b>-03</b> = .065" (1,65mm) Post (Mates with CLP)</p>	<p><b>-F</b> = Gold flash on post, Matte Tin on tail</p> <p><b>-L</b> = 10µ" (0,25µm) Gold on post, Matte Tin on tail</p>	<p><b>-DV</b> = Double Vertical SMT</p> <p><b>-D</b> = Double Row Through-hole</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 (05 positions minimum)</p> <p><b>-TR</b> = Tape &amp; Reel (-DV only)</p>
				<p><b>-P OPTION</b></p>	<p><b>-S OPTION</b></p>	
					<p><b>-SA OPTION</b></p>	

**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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