

(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



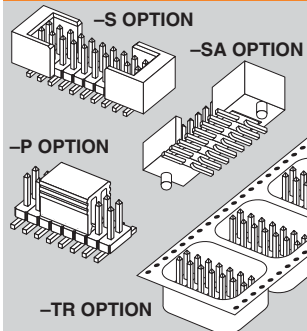
ALSO AVAILABLE (MOQ Required)

- 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 | | | |
| LEAD STYLE | A | | | | | | | | | | | | | | | |
| -01 | (3.05) .120 | | | | | | | | | | | | | | | |
| -02 | (1.91) .075 | | | | | | | | | | | | | | | |
| -03 | (1.65) .065 | | | | | | | | | | | | | | | |
| -04 | (3.81) .150 | | | | | | | | | | | | | | | |

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.

WWW.SAMTEC.COM

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.