

(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 50µ"

Current Rating:
3.3 A per pin
(1 pin powered per row)

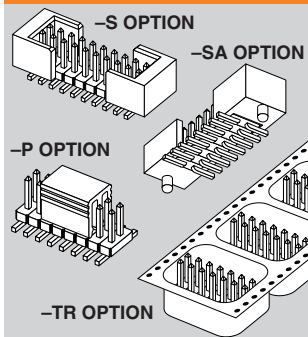
RoHS Compliant:
Yes

Lead-Free Solderable:
Yes

SMT Lead Coplanarity:
.004" (0.10 mm) max

Mates with:
FFSD, CLP, FLE

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

RECOGNITIONS

For complete scope of
recognitions see
www.samtec.com/quality



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)	-01 = .120" (3.05 mm) Post (Mates with FFSD) -02 = .075" (1.91 mm) Post (Mates with FLE) -03 = .065" (1.65 mm) Post (Mates with CLP)	-F = Gold flash on post, Matte Tin on tail -L = 10µ" (0.25 µm) Gold on post, Matte Tin on tail	-D = Double Through-hole -DV = Double Vertical SMT -S = Single Through-hole -SV = Single Vertical SMT	(-D & -DV only) -SA = End Shroud with Alignment Pin (05 thru 46 positions. Style -02 & -03 only) -S = End Shroud (05 thru 46 positions. Style -02 & -03 only) -P = Pick & Place Pad (04 positions minimum) -TR = Tape & Reel (-DV only) (Required callout for positions 2 thru 4)

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

Note: Some lengths, styles and options are non-standard, non-returnable.