

(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



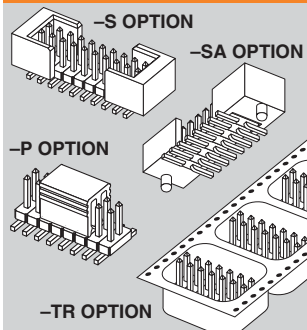
ALSO AVAILABLE (MOQ Required)

- 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

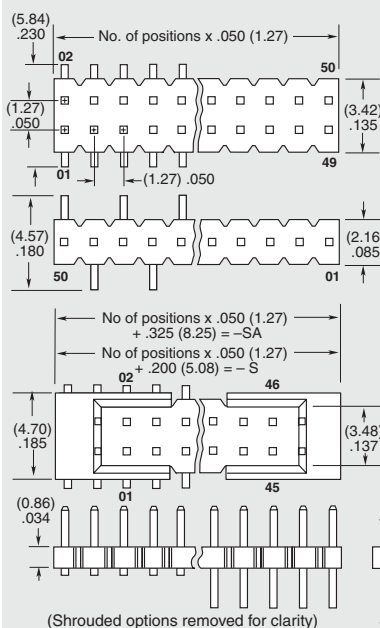
Impedance matched for
high-speed applications

FTS

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTIONOTHER
OPTION

02 thru 50
(except -S & -SA
option = 05 thru 46)



-01
= .120"
(3.05 mm)
Post
(Mates with
FFSD)

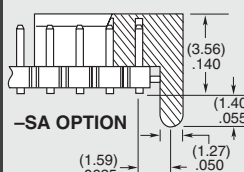
-02
= .075"
(1.91 mm)
Post
(Mates with
FLE)

-03
= .065"
(1.65 mm)
Post
(Mates with
CLP)

-04
= .150"
(3.81 mm)
Post

-F
= Gold flash
on post,
Matte Tin
on tail

-L
= 10 μ" (0.25 μm)
Gold on post,
Matte Tin
on tail



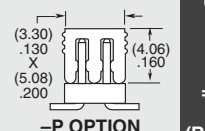
LEAD STYLE	A
-01	(3.05) .120
-02	(1.91) .075
-03	(1.65) .065
-04	(3.81) .150

-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)

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.
Components must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.