

(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 μ m) Ni

Current Rating:
3.4 A per pin

BoHS Compliant:

Lead-Free Solderable:

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

RECOGNITIONS

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



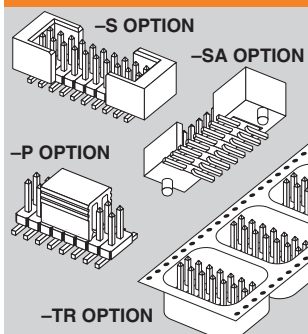
ALSO AVAILABLE
(MOQ Required)

- Alignment pin

Board Mates:
CLP, FLE

Cable Mates:

OPTIONS



Mates with
socket strips
or IDC cable

Low-profile
(1.27 mm) .050"

Surface
mount or
through-hole

Micro pitch
.050" x .050"
(1.27 mm x 1.27 mm)

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)

(Shrouded options removed for clarity)

-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.

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