

(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 $50\mu''$

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

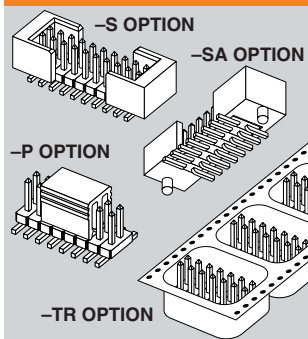
RoHS Compliant:

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

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

RECOGNITIONS

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



ALSO AVAILABLE
(MOQ Required)

- Alignment pin
- Contact Samtec.

FTS

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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)

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

-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)

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

WWW.SAMTEC.COM

Due to technical progress, all designs, specifications and components are subject to change without notice.