

(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 Crystals

Terminal Material:

Terminal Material Phosphor Bronze

Operating Temp Range:

-55°C to +125°C

Plating:
Sn or Au over 50u"

Sh of Au over 50μ
(1.27 μm) Ni

RoHS Compliant:

Yes

Lead-Free Solder

Yes
SMT Lead Coplanar

.004" (0,10 mm) m

10/10/2014

RECOGNITIONS

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

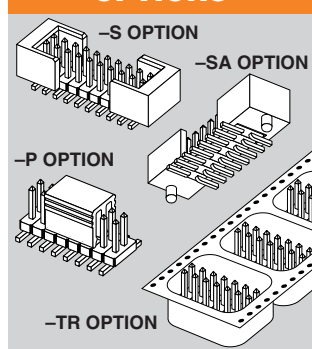


ALSO AVAILABLE
(MOQ Required)

- Alignment pin
- Contact Samtec.

Mates with:
FFSD, CLP, FLE,
SFMC (LIF)

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

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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)

Diagram of a 02 thru 50 connector. Dimensions include: (5,84) .230, (1,27) .050, (3,42) .135, (1,27) .050, (4,57) .180, (2,16) .085. Pin positions are labeled 02, 50, 01, 49. A note indicates: No. of positions x .050 (1,27).

Diagram of a 02 thru 46 connector. Dimensions include: (4,70) .185, (3,48) .137, (1,27) .050, (1,27) .050, (1,27) .050, (1,27) .050. Pin positions are labeled 02, 46, 01, 45. A note indicates: No. of positions x .050 (1,27) + .325 (8,25) = -SA. Another note indicates: No. of positions x .050 (1,27) + .200 (5,08) = -S.

Diagram of a shrouded option connector. Dimensions include: (0,86) .034, (2,29) .090, (0,41) .016 SQ. A note indicates: (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

Diagram of a -S and -D option connector. Dimensions include: (0,41) .016 SQ, (2,29) .090. Labels include -S, -D, A.

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

-L
= 10μ" (0,25 μm)
Gold on post,
Matte Tin
on tail

Diagram of a -SA option connector. Dimensions include: (3,56) .140, (1,40) .055, (1,27) .050 DIA, (1,59) .0625. Label includes -SA OPTION.

Diagram of a -SV and -DV option connector. Dimensions include: (1,27) .050. Labels include -SV, -DV, A.

-D
= Double
Through-hole

-DV
= Double
Vertical SMT

-S
= Single
Through-hole

-SV
= Single
Vertical SMT

Diagram of a -P option connector. Dimensions include: (3,30) .130 X (5,08) .200, (4,06) .160. Label includes -P OPTION.

Diagram of a -S option connector. Dimensions include: (3,56) .140. Label includes -S OPTION.

(-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
(05 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.

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