

.050" X .050" MICRO STRIPS FTS SERIES

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
Current Rating:
1.75A @ 80°C ambient
Operating Temp Range:
-55°C to +125°C
Plating:
Sn or Au over 50µ" (1.27µm) Ni
RoHS Compliant:
Yes

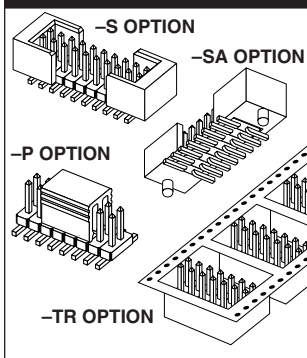
Processing:

Max Processing Temp:
230°C for 60 seconds, or
260°C for 20 seconds 3x
with Matte Sn plating
Lead-Free Solderable:
Wave, or reflow with
Matte Sn plating
SMT Lead Coplanarity:
.004" (0.10mm) max

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

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

OPTIONS



Mates with
socket strips
or IDC cable

Surface
mount
or through
hole

Low profile
(1,27mm) .050"

Micro pitch
.050" x .050"
(1,27mm x 1,27mm)

Shrouded and
alignment pin
options available
(patent pending)

ALSO AVAILABLE

Single row (Mates to CLP Series).
Call Samtec.

FTS

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NO. PINS
PER ROW

LEAD
STYLE

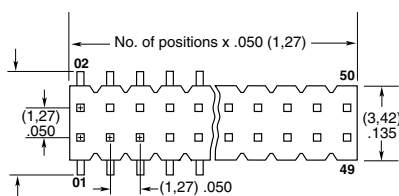
PLATING
OPTION

ROW
OPTION

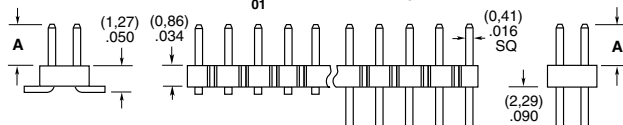
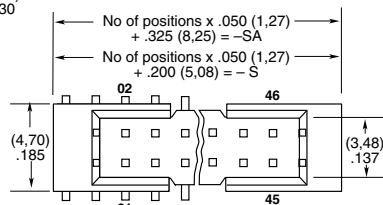
OTHER
OPTION

02 thru 50

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



| LEAD STYLE | A |
|---------------|----------------|
| -01 | (3,05) .120 |
| -02 | (1,91) .075 |
| -03 | (1,65) .065 |



(Shrouded options removed for clarity)

-01
= .120 (3,05)
Post (Mates
with FFSD)

-02
= .075 (1,91)
Post (Mates
with FLE)

-03
= .065 (1,65)
Post (Mates
with CLP)

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

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

-DV
= Double
Vertical SMT

-D
= Double
Row Through
Hole

-SA
= Shrouded with
Alignment Pin
(05 thru 46
positions. Style
-02 & -03 only.
-SV not available.)

-S
= Shrouded
(05 thru 46
positions. Style
-02 & -03 only.
-SV not available.)

-P
= Pick & Place
(05 positions
minimum)
Pad (-SV & -S
not available)

-TR
= Tape & Reel
(-SV & -DV only)

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

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