

.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

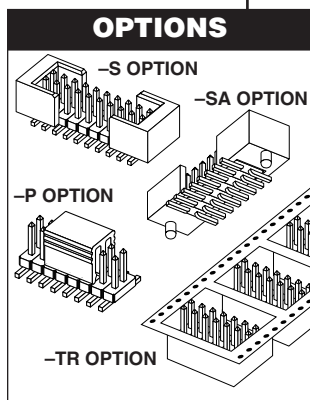
Lead-Free Solderable:
Wave, or reflow with

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)



Mates with
socket strips
or IDC cable

Surface
mount
or through
hole

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

Low profile
(1.27mm) .050"

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

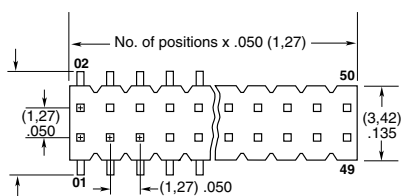
PLATING
OPTION

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

-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

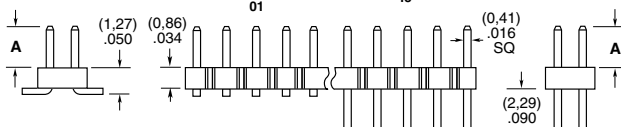
-D
= Double
Row Through
Hole

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

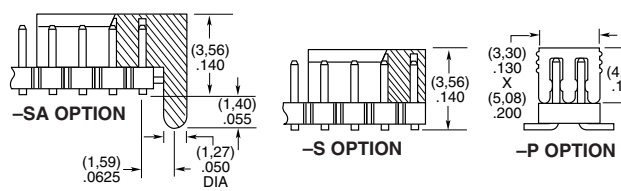
-S
= Shrouded
(05 thru 46
positions. Style
-02 & -03 only.
-SV not available.)

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

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



(Shrouded options removed for clarity)



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

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