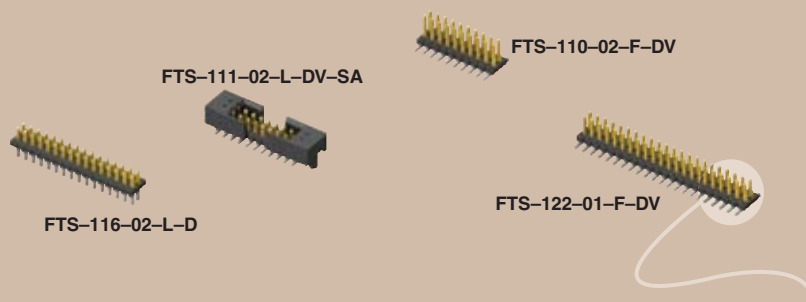


(1,27 mm) .050"

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

Current Rating:
1.75A per contact
@ 80°C ambient

Operating Temp Range:
-55°C to +125°C

Plating:
Sn or Au over 50µ"
(1,27 µm) Ni

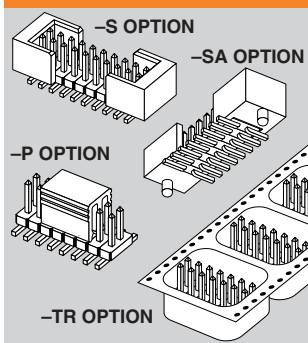
RoHS Compliant:
Yes

Lead-Free Solderable:
Yes

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

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)

Impedance matched for high speed applications

Shrouded and alignment pin options available

**ALSO
AVAILABLE**

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

APPLICATION SPECIFIC OPTION

Alignment Pin.
Call Samtec.

FTS

1

**NO. PINS
PER ROW**

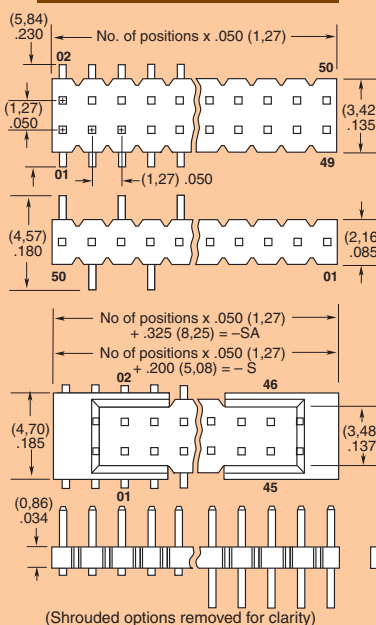
LEAD STYLE

PLATING OPTION

ROW OPTION

OTHER OPTION

02 thru 50
(except -S & -SA
option = 05 thru 46)



—01
= .120"
(3,05 mm)
Post
(Mates with

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

—03
= .065"
(1,65 mm)
Post
(Mates with
CLP)

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

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

- D**
= Double Through-hole
- DV**
= Double Vertical SMT
- S**
= Single Through-hole
- SV**
= Single Vertical SMT

(-D & -DV only)

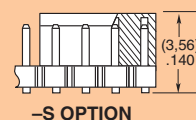
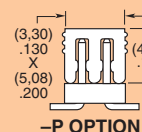
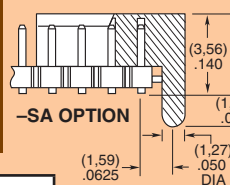
—SA
= End Shroud with Alignment Pin
(05 thru 46 positions. Style -02 & -03 only)

-S
= End Shroud
(05 thru 46
positions. Style
-02 & -03 only)

-P
= Pick &
Place Pad
(05 positions
minimum)

-TR
= Tape & Reel
(-DV only)
(Required callout
for positions
2 thru 4)

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



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.

designs, specifications and components are
WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 **SAMTEC NORTHERN CALIFORNIA** • Tel: 408-395-5900 **SAMTEC SOUTHERN CALIFORNIA** • Tel: 1-800-726-8329
SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: +55 31 3786 3227 **SAMTEC UNITED KINGDOM** • Tel: 44 01236 739292 **SAMTEC GERMANY** • Tel: +49 (0) 89 / 89460-0
SAMTEC FRANCE • Tel: 33 01 45 95 06 60 **SAMTEC ITALY** • Tel: 39 039 6890337 **SAMTEC NORDIC/BALTIC** • Tel: +46 84477280 **SAMTEC BENELUX** • Tel: 44 01236 739292
SAMTEC ISRAEL • Tel: 972-3-7526600 **SAMTEC INDIA** • Tel: +91-80-3272 1612 **SAMTEC ASIA PACIFIC** • Tel: 65 6745-5955 **SAMTEC JAPAN** • Tel: 045-475-1385 **SAMTEC CHINA** • Tel: 86-21-6083 3766
SAMTEC TAIWAN • Tel: 886-2-2735-6109 **SAMTEC HONG KONG** • Tel: 852-26904858 **SAMTEC KOREA** • Tel: 82-31-717-5685 **SAMTEC ANZ** • Tel: 613 9580 0683