samtec

FTS–111–02–L–DV–SA

FTS–110–02–F–DV

FTS–116–02–L–D

FTS–122–01–F–DV

(1,27 mm) .050"

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 50µ"
(1,27 µm) Ni
RoHS Compliant:
Yes
Lead–Free Solderable:
Yes
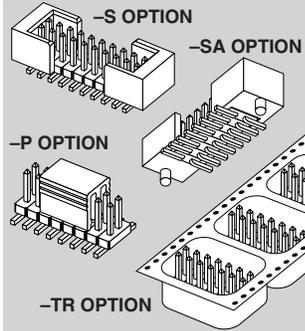**SMT Lead Coplanarity:**
.004" (0,10 mm) max

RECOGNITIONS

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

RU FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

• Alignment pin
Contact Samtec.

Mates with:
FFSD, CLP, FLE

Mates with socket strips or IDC cable

Surface mount or through-hole

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

Low profile (1,27 mm) .050"

Shrouded and alignment pin options available

Impedance matched for high speed applications

OPTIONS

–S OPTION

–SA OPTION

–P OPTION

–TR OPTION

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 FFSD)

–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 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)

(5,84) .230
No. of positions x .050 (1,27)
02
50
(1,27) .050
(3,42) .135
49
01
(1,27) .050

(4,57) .180
50
01
(2,16) .085

No of positions x .050 (1,27) + .325 (8,25) = –SA
No of positions x .050 (1,27) + .200 (5,08) = – S
02
46
(4,70) .185
01
45
(3,48) .137

(0,86) .034

(Shrouded options removed for clarity)

–SA OPTION

(3,56) .140
(1,40) .055
(1,59) .0625
(1,27) .050 DIA

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

(3,30) .130 X (5,08) .200
(4,06) .160
–P OPTION

(0,41) .016 SQ
A
(2,29) .090
–S
–D

(1,27) .050
A
–SV
–DV

(3,56) .140
–S OPTION

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.