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"

FTS SERIES

MICRO LOW PROFILE TERMINAL STRIPS

SPECIFICATIONS

Mates with:
FFSD, CLP, FLE

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
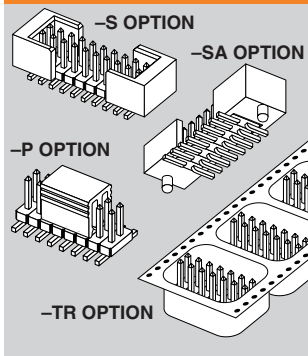**Lead–Free Solderable:**
Yes
SMT Lead Coplanarity:
.004" (0,10 mm) max

RECOGNITIONS

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

FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

• Alignment pin
Contact Samtec.

Mates with socket strips or IDC cable

Surface mount or through-hole

Low profile (1,27 mm) .050"

Shrouded and alignment pin options available

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

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 (05 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

01   49

(1,27) .050

(4,57) .180

50   (2,16) .085   01

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   (3,48) .137

01   45

(0,86) .034

(Shrouded options removed for clarity)

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

–SA OPTION

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

–P OPTION

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

(0,41) .016 SQ
A
(2,29) .090

(1,27) .050
A

–S   –D   –SV   –DV

–S OPTION

(3,56) .140

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

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