MICRO LOW-PROFILE TERMINAL STRIPS
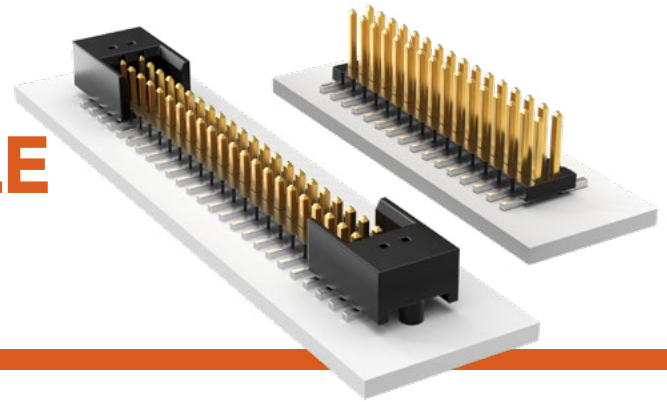
(1.27 mm) .050" PITCH • FTS SERIES

FTS
Board Mates:
CLP, FLE

Cable Mates:
FFSD

SPECIFICATIONS

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze
Operating Temp Range:
-55 °C to +125 °C
Plating:
Sn or Au over 50 μ" (1.27 μm) Ni
Current Rating:
3.4 A per pin
(2 pins powered)

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
.004" (0.10 mm) max

ALSO AVAILABLE

Alignment pin
(MOQ Required)

OPTIONS

–TR OPTION

–SA OPTION

–P OPTION

–S OPTION

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

FTS	–	1	NO. PINS PER ROW	–	LEAD STYE	–	PLATING OPTION	–	ROW OPTION	–	OTHER OPTION

NO. PINS PER ROW
02 thru 50
(except –S & –SA option = 05 thru 46)

LEAD STYE
–01
= (3.05 mm) .120" Post (Mates with FFSD)

–02
= (1.91 mm) .075" Post (Mates with FLE)

–03
= (1.65 mm) .065"Post (Mates with CLP)

–04
= (3.81 mm) .150" Post

PLATING OPTION
–F
= Gold flash on post, Matte Tin on tail

–L
= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

ROW OPTION
–D
= Double Through-hole

–DV
= Double Vertical SMT

–S
= Single Through-hole

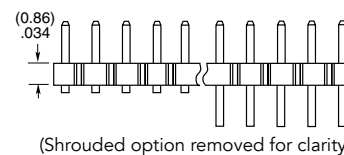**–SV**
= Single Vertical SMT

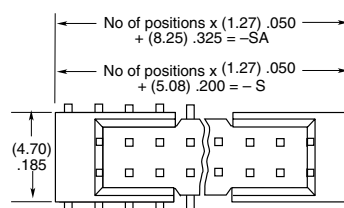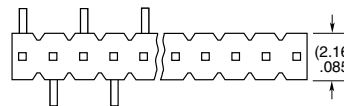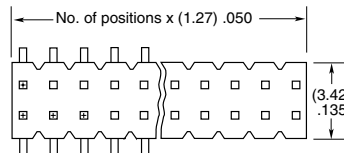**OTHER OPTION**
(–D & –DV only)

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

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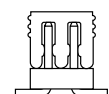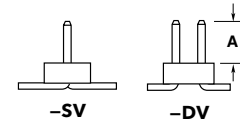= End Shroud (05 thru 46 positions. Style -02 & -03 only)

–P
= Pick & Place Pad (04 positions min.)

–TR
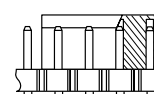= Tape & Reel (-DV only) (Required callout for positions 02 thru 04)

–FR
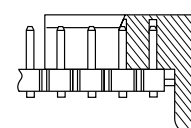= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks) (-DV only)

No. of positions x (1.27) .050

(3.42) .135

(2.16) .085

No of positions x (1.27) .050 + (8.25) .325 = –SA
No of positions x (1.27) .050 + (5.08) .200 = – S

(4.70) .185

(0.86) .034

(Shrouded option removed for clarity)   **–S**   **–D**   **–SV**   **–DV**
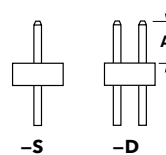
LEAD STYLE	A
–01	(3.05) .120
–02	(1.91) .075
–03	(1.65) .065
–04	(3.81) .150

–P OPTION

–S OPTION

–SA OPTION