

# .050" X .050" MICRO STRIPS FTS SERIES

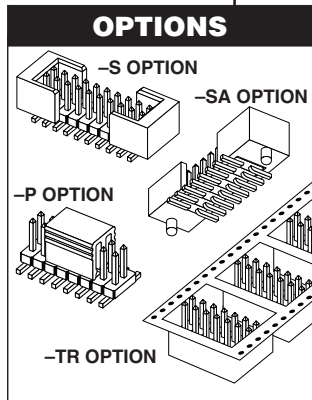
## SPECIFICATIONS

For complete specifications see [www.samtec.com?FTS](http://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:** -65°C to +125°C  
**Max Processing Temp:** 230°C for 60 seconds  
**Plating:** Sn or Au over 50µ" (1.27µm) Ni  
**SMT Lead Coplanarity:** .004" (0.10mm) max

**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)

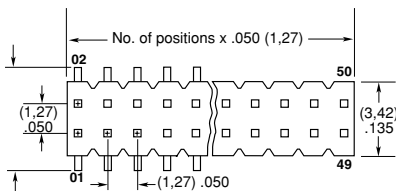
Low profile (1,27mm) .050"

Shrouded and alignment pin options available (patent pending)

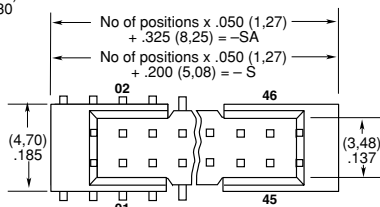
**Note:** Some lengths, styles and options are non-standard, non-returnable.



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



LEAD STYLE	A
-01	(3,05) .120
-02	(1,91) .075
-03	(1,40) .055



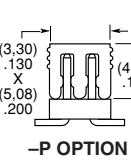
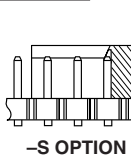
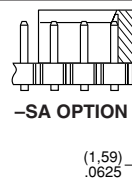
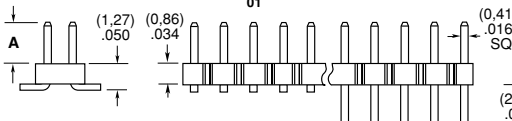
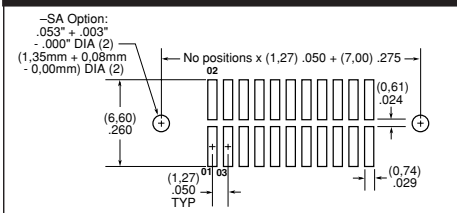
- 01**  
= .120 (3,05) Post (Mates with FFSD)
- 02**  
= .075 (1,91) Post (Mates with FLE)
- 03**  
= .065 (1,65) Post (Mates with CLP)

- L**  
= 10µ" (0,25µm) Gold on post, Tin on tail
- F**  
= Gold flash on post, 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)

## PCB LAYOUT



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

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