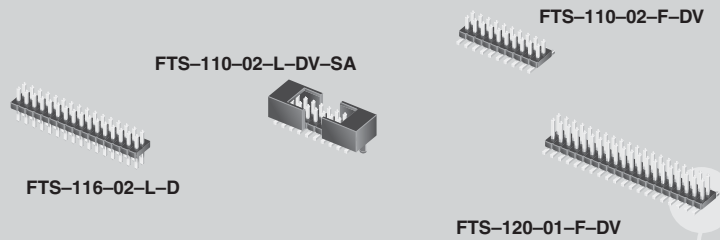




nLIGHT Part#: 25-05181
 Samtec Number: FTS-105-01-L-DV
 Applications: GLRF Button Boards



.050" X .050" MICRO STRIPS FTS SERIES

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 @ 80°C ambient
Operating Temp Range: -55°C to +125°C
Plating: Sn or Au over 50µ" (1.27µm) Ni
RoHS Compliant: Yes

Processing:

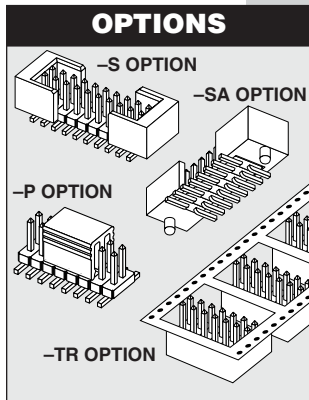
Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating
Lead-Free Solderable: Wave, or reflow with Matte Sn plating
SMT Lead Coplanarity: .004" (0,10mm) max

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

Mates with: FFSD, CLP, FLE, SFMC(LIF)

Mates with socket strips or IDC cable

Low profile (1,27mm) .050"



Surface mount or through hole

Shrouded and alignment pin options available (patent pending)

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

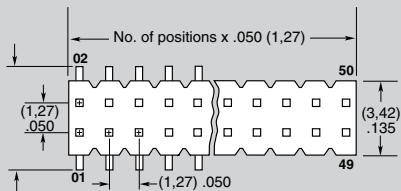
ALSO AVAILABLE

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

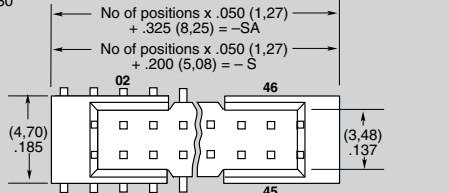
Impedance matched for high speed applications



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



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



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

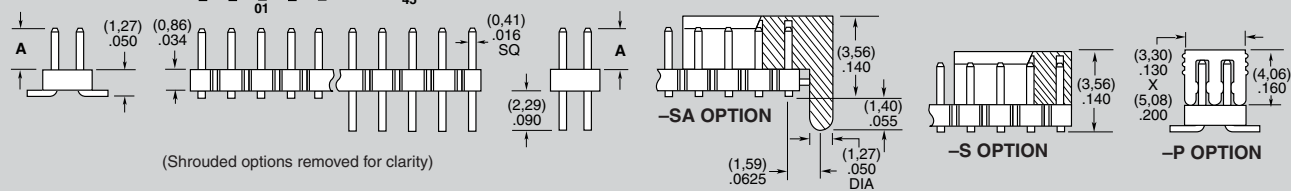
- DV**
= Double Vertical SMT
- D**
= Double Row Through Hole

- 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)



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

WWW.SAMTEC.COM