

.050" X .050" MICRO STRIPS FTS SERIES

SPECIFICATIONS

For complete specifications 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

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

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

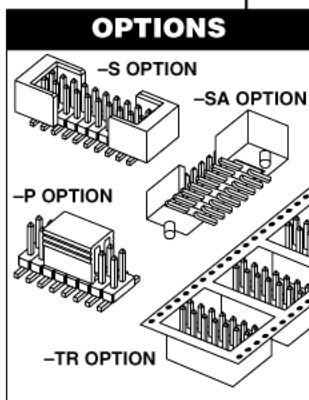
Mates with socket strips or IDC cable

Surface mount or through hole

Low profile (1,27mm) .050"

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

Shrouded and alignment pin options available (patent pending)

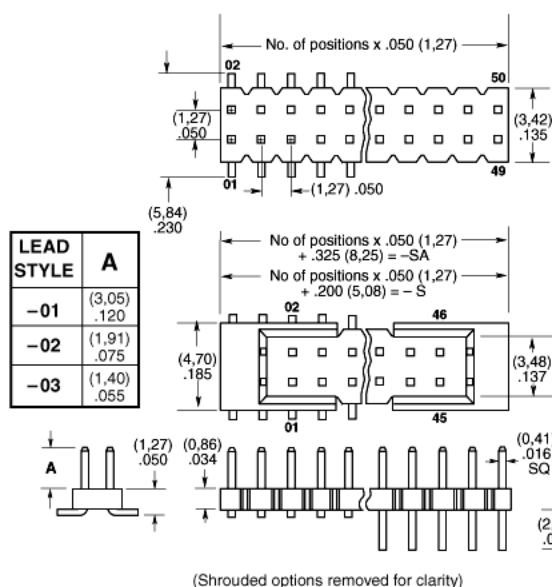


Note: Some lengths, styles and options are non-standard, non-returnable.

FTS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
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02 thru 50

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



-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 or -LM

= 10µ" (0,25µm)

Gold on post, Tin (-L) or Matte Tin (-LM) on tail

-F or -FM

= Gold flash on post, Tin (-F) or Matte Tin (-FM) 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.)

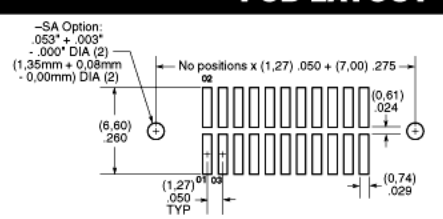
-P

= Pick & Place (05 positions minimum) Pad (-SV & -S not available)

-TR

= Tape & Reel (-SV & -DV only)

PCB LAYOUT



-SA OPTION

-S OPTION

-P OPTION

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

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