

# 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)

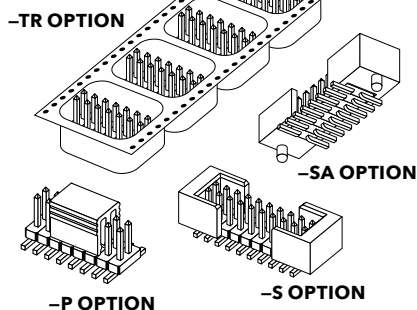
## PROCESSING

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

## ALSO AVAILABLE

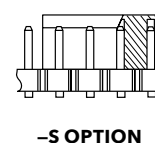
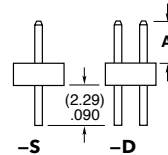
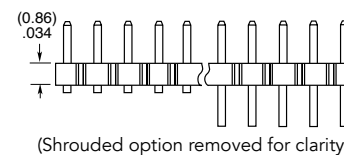
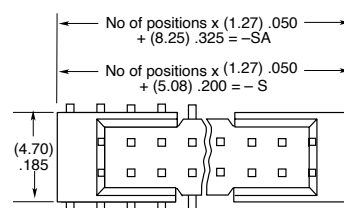
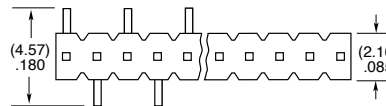
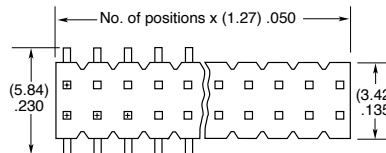
Alignment pin  
(MOQ Required)

## OPTIONS



**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                                                                                                                        |
|-----|---|--------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|     |   | 02 thru 50<br>(except -S & -SA<br>option = 05 thru 46) | -01<br>= (3.05 mm)<br>.120" Post<br>(Mates with FFSD) | -F<br>= Gold flash<br>on post,<br>Matte Tin<br>on tail              | -D<br>= Double<br>Through-hole  | (-D & -DV only)                                                                                                                     |
|     |   |                                                        | -02<br>= (1.91 mm)<br>.075" Post<br>(Mates with FLE)  | -L<br>= 10 μ"<br>(0.25 μm)<br>Gold on post,<br>Matte Tin<br>on tail | -DV<br>= Double<br>Vertical SMT | -SA<br>= End Shroud<br>with Alignment Pin<br>(05 thru 46 positions.<br>Style -02 & -03 only)                                        |
|     |   |                                                        | -03<br>= (1.65 mm)<br>.065" Post<br>(Mates with CLP)  |                                                                     | -S<br>= Single<br>Through-hole  | -S<br>= End Shroud<br>(05 thru 46 positions.<br>Style -02 & -03 only)                                                               |
|     |   |                                                        | -04<br>= (3.81 mm)<br>.150" Post<br>(-D & -DV only)   |                                                                     | -SV<br>= Single<br>Vertical SMT | -P<br>= Pick & Place Pad<br>(04 positions min.)                                                                                     |
|     |   |                                                        |                                                       |                                                                     |                                 | -TR<br>= Tape & Reel<br>(-DV only)<br>(Required callout for<br>positions 02 thru 04)                                                |
|     |   |                                                        |                                                       |                                                                     |                                 | -FR<br>= Full Reel<br>Tape & Reel<br>(must order max.<br>quantity per reel;<br>contact Samtec for<br>quantity breaks)<br>(-DV only) |



| LEAD STYLE | A           |
|------------|-------------|
| -01        | (3.05) .120 |
| -02        | (1.91) .075 |
| -03        | (1.65) .065 |
| -04        | (3.81) .150 |

