

# 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)

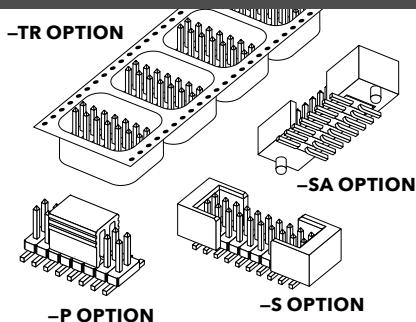
## PROCESSING

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

## ALSO AVAILABLE

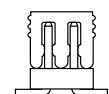
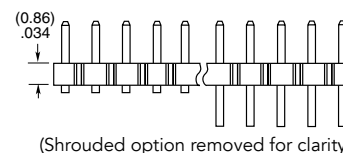
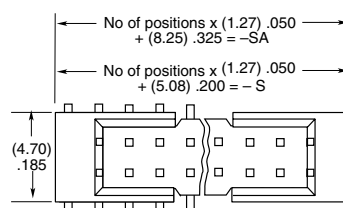
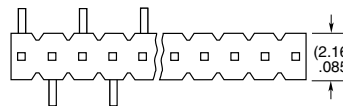
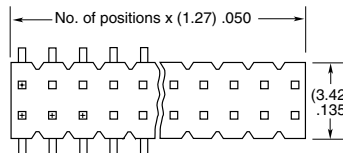
Alignment pin  
(MOQ Required)

## OPTIONS

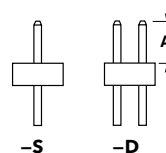


**Note:**  
Some lengths, styles and  
options are non-standard,  
non-returnable.

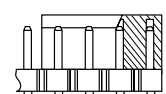
| FTS | 1 | NO. PINS<br>PER ROW                                           | LEAD<br>STYLE                                                | PLATING<br>OPTION                                                          | ROW<br>OPTION                          | OTHER<br>OPTION                                                                                                                            |
|-----|---|---------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|     |   | <b>02 thru 50</b><br>(except -S & -SA<br>option = 05 thru 46) | <b>-01</b><br>= (3.05 mm)<br>.120" Post<br>(Mates with FFSD) | <b>-F</b><br>= Gold flash<br>on post,<br>Matte Tin<br>on tail              | <b>-D</b><br>= Double<br>Through-hole  | (-D & -DV only)                                                                                                                            |
|     |   |                                                               | <b>-02</b><br>= (1.91 mm)<br>.075" Post<br>(Mates with FLE)  | <b>-L</b><br>= 10 μ"<br>(0.25 μm)<br>Gold on post,<br>Matte Tin<br>on tail | <b>-DV</b><br>= Double<br>Vertical SMT | <b>-SA</b><br>= End Shroud<br>with Alignment Pin<br>(05 thru 46 positions.<br>Style -02 & -03 only)                                        |
|     |   |                                                               | <b>-03</b><br>= (1.65 mm)<br>.065" Post<br>(Mates with CLP)  |                                                                            | <b>-S</b><br>= Single<br>Through-hole  | <b>-S</b><br>= End Shroud<br>(05 thru 46 positions.<br>Style -02 & -03 only)                                                               |
|     |   |                                                               | <b>-04</b><br>= (3.81 mm)<br>.150" Post                      |                                                                            | <b>-SV</b><br>= Single<br>Vertical SMT | <b>-P</b><br>= Pick & Place Pad<br>(04 positions min.)                                                                                     |
|     |   |                                                               |                                                              |                                                                            |                                        | <b>-TR</b><br>= Tape & Reel<br>(-DV only)<br>(Required callout for<br>positions 02 thru 04)                                                |
|     |   |                                                               |                                                              |                                                                            |                                        | <b>-FR</b><br>= Full Reel<br>Tape & Reel<br>(must order max.<br>quantity per reel;<br>contact Samtec for<br>quantity breaks)<br>(-DV only) |



-P OPTION

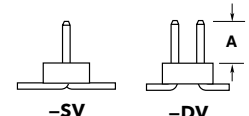


-S -D

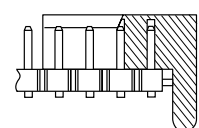


-S OPTION

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



-SV -DV



-SA OPTION