

## FTE SERIES

# SMT MICRO HEADER

For complete specifications and recommended PCB layouts see [www.samtec.com?FTE](http://www.samtec.com?FTE)

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze

### Plating:

**Current Rating (FTE/CLE):**  
2.7 A per pin

**Operating Temp Range:**

**Operating Temp**  
-55°C to +125°C

**RoHS Compliant:**  
Yes

### Processing:

**Lead-Free Solderable:**  
Yes

**-DV Lead Coplanarity:**

**-DH Lead Coplanarity:**  
(0,10 mm) .004" max

**-DH Lead Coplanarity:**  
(0,10 mm) .004" max (05-25)  
(0,15 mm) .006" max (26-50)

For complete scope of  
recognitions see  
[www.samtec.com/quality](http://www.samtec.com/quality)



- End shrouds with board locks
- Gold flash plating

Contact Samtec.

**Mates with:**  
**CLE**

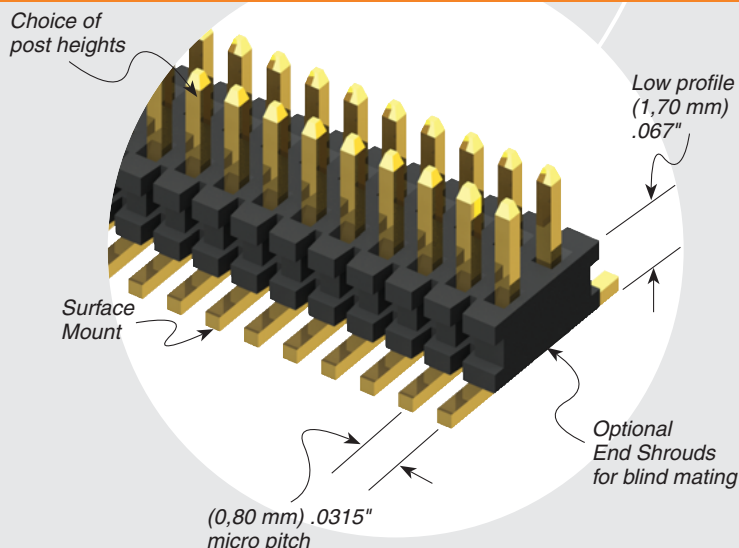
**OPTIONS**

**-P OPTION**

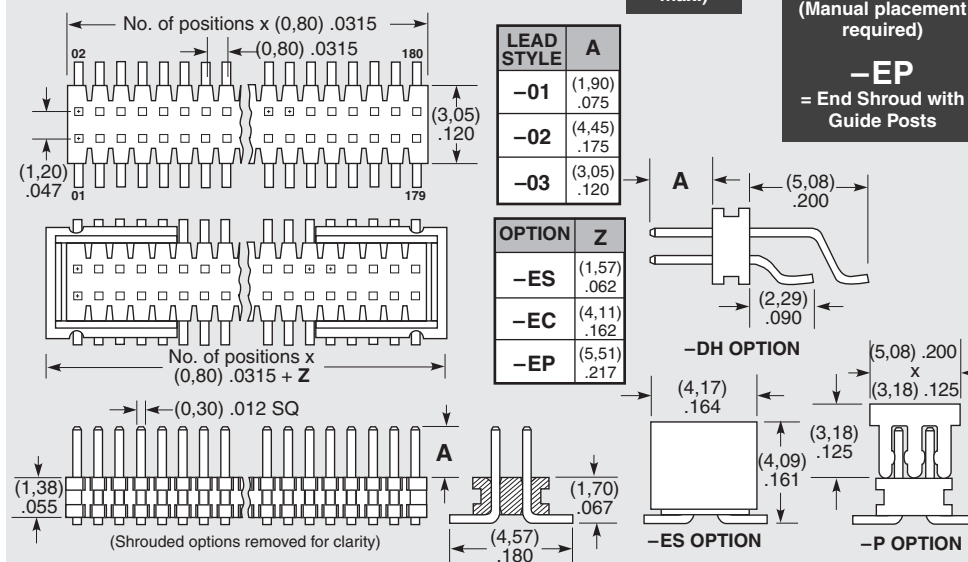
**-TR OPTION**

**-ES OPTION**

The diagram illustrates three different connector options. The -P OPTION shows a small rectangular connector with a single row of pins. The -TR OPTION shows a larger rectangular connector with two rows of pins. The -ES OPTION shows a rectangular connector with two rows of pins, similar to the -TR OPTION but with a different internal structure.



|            |                               |                                                                               |                                                              |                                                                                              |                                                              |
|------------|-------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 05 thru 90 | Specify LEAD STYLE from chart | <b>-G</b><br>= 10μ"<br>(0,25 μm)<br>Gold on post,<br>Gold flash on<br>balance | <b>-DV</b><br>= Dual<br>Vertical<br><br><b>-DH</b><br>= Dual | Style -01 -DV only<br>(11 pins/row min.)<br><br><b>-ES</b><br>= End Shroud<br><br><b>-EC</b> | <b>-A</b><br>= Alignment<br>Pin<br>(5 pos. min.)<br>Metal or |
|------------|-------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------|



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