

Surface  
**SMT**  
Mount

**(0,80<sub>mm</sub>) .0315" HEADER FTE SERIES**

## SPECIFICATIONS

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

### Phosphor Bronze Plating:

**Flating.**  
Au over 50μ" (1.27μm) Ni

**Current Rating:**

**Operating Temp Range:**

-55°C to +125°C

**RoHS Compliant:**

Yes

### Processing:

**Max Processing Temp:**  
230°C for 60 seconds, or  
260°C for 20 seconds 3x

**Lead-Free Solderable:**

Yes

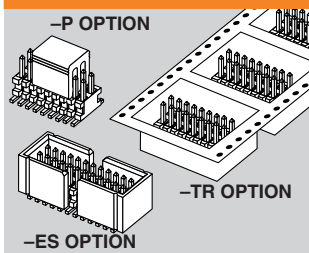
**-DV Lead Coplanarity:**

(0,10mm) .004" max

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

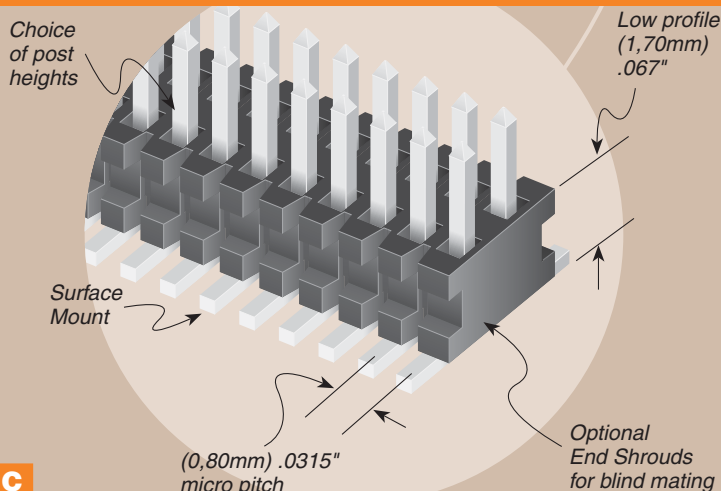
**Mates with:**  
CLE

## OPTIONS



## APPLICATION SPECIFIC OPTION

End shrouds with board locks and  
Gold flash plating available.  
Call Samtec.



**FTE**

**1**

**NO. PINS PER ROW**

**LEAD STYLE**

**PLATING OPTION**

**TAIL OPTION**

**FLEX-SHROUD OPTIONS**

**OTHER OPTION**

05 thru 90

(Shrouded options removed for clarity)

Specify LEAD STYLE from chart

| LEAD STYLE | A           |
|------------|-------------|
| -01        | (1,90) .075 |
| -02        | (4,45) .175 |
| -03        | (3,05) .120 |

| OPTION | Z           |
|--------|-------------|
| -ES    | (1,57) .062 |
| -EC    | (4,11) .162 |
| -EP    | (5,51) .217 |

-G  
= 10μ" (0,25μm)  
Gold on post,  
Gold flash on balance

-DV  
= Dual Vertical

-DH  
= Dual Horizontal (50 pos. max.)

Style -01 -DV only (11 pins/row min.)

-ES  
= End Shroud

-EC  
= End Shroud with Locking Clips

-EP  
= End Shroud with Guide Posts

-DH OPTION

-A  
= Alignment Pin (5 pos. min.) Metal or plastic at Samtec discretion (-DV only)

-K  
= (2,50mm) .098" DIA Polyimide Film Pick & Place Pad (-DV only)

-P  
= Plastic Pick & Place Pad (8 pos. min.) -DV only

-TR  
= Tape & Reel Packaging

**-ES OPTION**

**-P OPTION**

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

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

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**Abstract**

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