

Surface  
**SMT**  
Mount

# (0,80mm) .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

**Plating:**

Au over 50µ" (1,27µm) Ni

**Current Rating:**

.75A @ 80°C ambient

**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:**

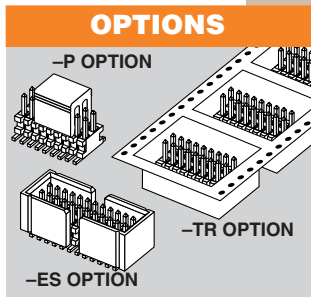
(0,10mm) .004" max

**-DH Lead Coplanarity:**

(0,10mm) .004" max (05-25)

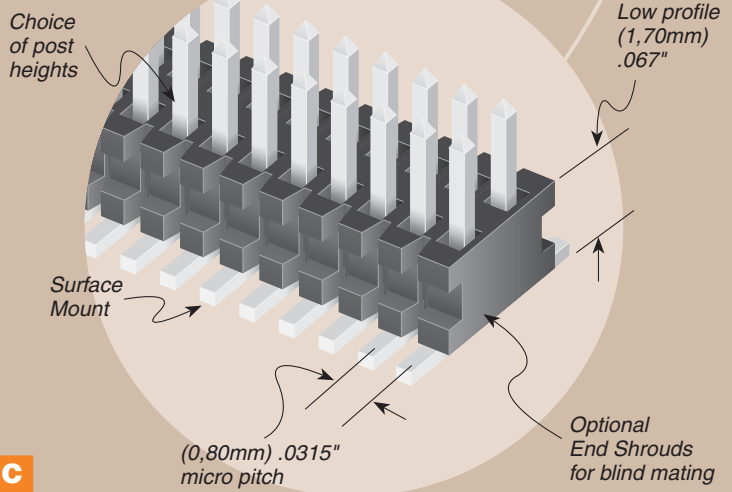
(0,15mm) .006" max (26-50)

Mates with:  
CLE



## 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

Specify LEAD STYLE from chart

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

**-DV**  
= Dual  
Vertical  
**-DH**  
= Dual  
Horizontal  
(50 pos.  
max.)

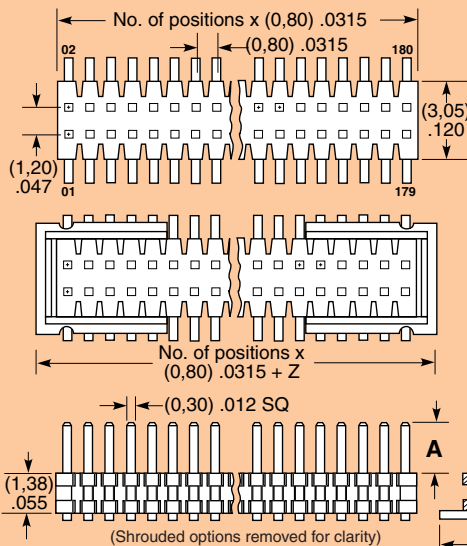
Style -01 -DV only  
(11 pins/row min.)  
**-ES**  
= End Shroud  
**-EC**  
= End Shroud with  
Locking Clips  
**-EP**  
= End Shroud with  
Guide Posts

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

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

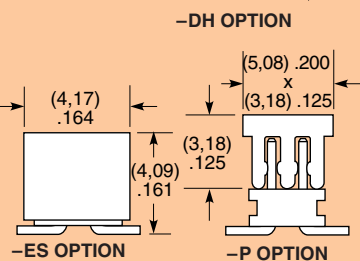
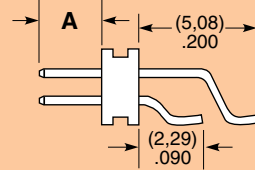
**-P**  
= Plastic Pick  
& Place Pad  
(8 pos. min.)  
-DV only

**-TR**  
= Tape & Reel  
Packaging



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



**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)