

Surface  
**SMT**  
Mount

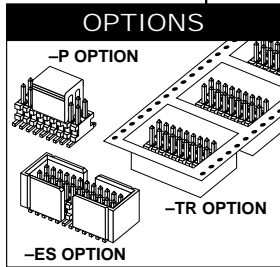
# (0,80mm) .0315" HEADER FTE SERIES

## SPECIFICATIONS

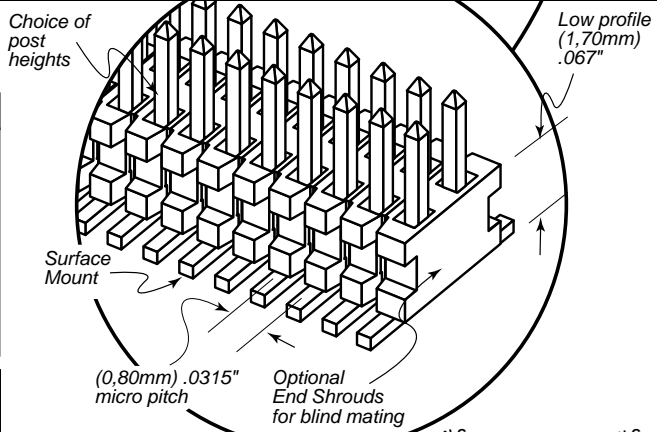
**Materials:**   
**Insulator Material:** Black Liquid Crystal Polymer   
**Terminal Material:** Phosphor Bronze   
**Current Rating:** .75A @ 80°C ambient   
**Operating Temp Range:** -65°C to +125°C   
**Plating:** Au over 50µ" (1,27µm) Ni   
**Impedance:** 51Ω average @ 500 MHz (system @ 50Ω)   
**Propagation Delay:** 49.5pS @ 100pS   
**Cross Talk:** -18.8 dB G/S/S/G @ 1.0 GHz

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

Mates with: CLE

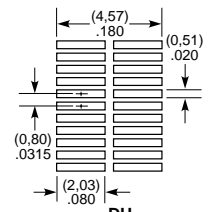
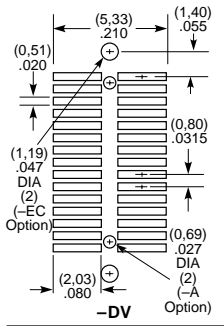


**APPLICATION SPECIFIC OPTION**  
 End shrouds with board locks and Gold flash plating available. Call Samtec.



## Processing:

**Max Processing Temp:** 230°C for 60 seconds   
**-DV Lead Coplanarity:** (0,10mm) .004" max   
**-DH Lead Coplanarity:** (0,10mm) .004" max (05-25) (0,15mm) .006" max (26-50)   
**Suggested Paste Thickness:** For most applications add (0,05mm) .002" to max SMT lead coplanarity   
**Suggested PCB Layouts:** Your specific layout may vary



LEAD STYLE	A
-01	(1,90) .075
-02	(4,45) .175

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

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

**Diagram Dimensions:**  
 No. of positions x (0,80) .0315  
 (1,20) .047, (3,05) .120, (5,08) .200, (2,59) .102, (4,17) .164, (4,09) .161, (3,18) .125, (5,08) .200 x (3,18) .125, (1,70) .067, (4,57) .180, (0,30) .012 SQ, (1,38) .055, (2,03) .080, (0,80) .0315, (0,69) .027 DIA, (2) (-A Option), (2) (-EC Option), (1,19) .047 DIA, (0,51) .020, (5,33) .210, (1,40) .055.

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