

Surface
SMT
Mount

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

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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:

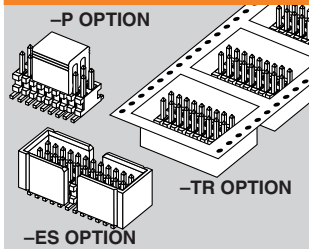
(0,10mm) .004" max (05-25)

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



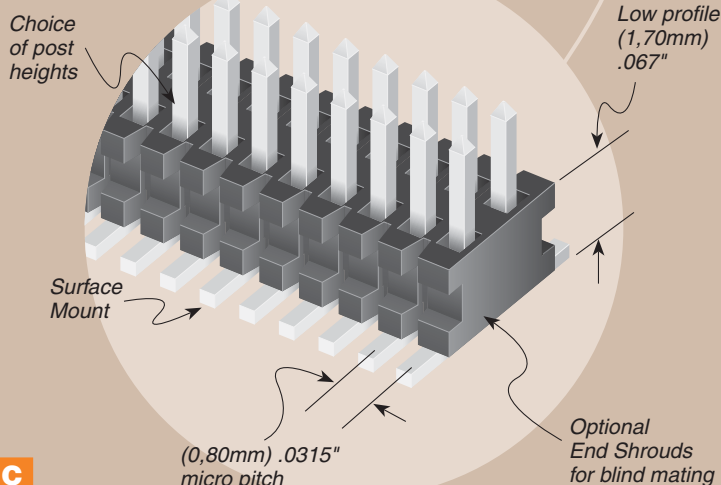
Mates with:
CLE

OPTIONS



APPLICATION SPECIFIC OPTION

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



FTE	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

Technical drawings include:

- Top view: No. of positions x (0,80) .0315, (0,80) .0315, (3,05) .120, (1,20) .047, 01, 180, 179.
- Side view: No. of positions x (0,80) .0315 + Z, (0,30) .012 SQ, (1,38) .055, (1,70) .067, (4,57) .180.
- Lead style details: (4,17) .164, (5,08) .200, (3,18) .125, (4,09) .161.
- Options: -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.

WWW.SAMTEC.COM