

(0,80 mm) .0315"

FTE SERIES

# SMT MICRO HEADER

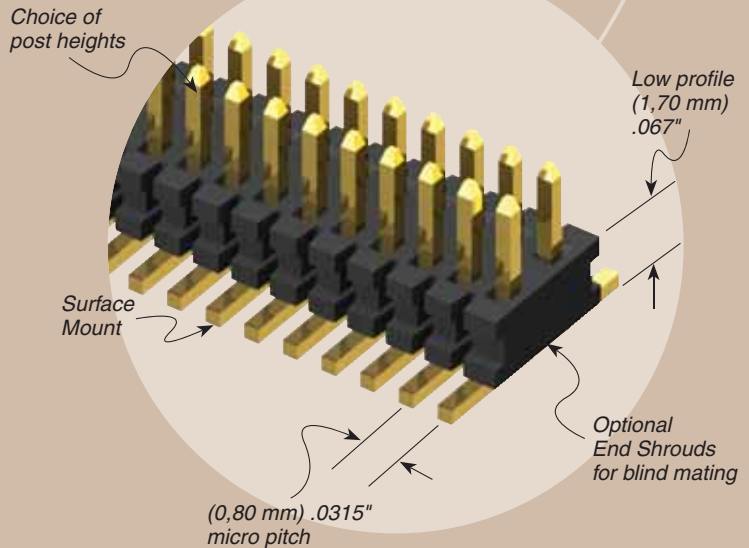
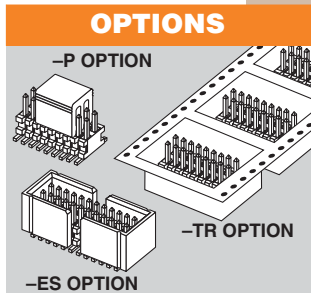
## SPECIFICATIONS

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" (1,27 µm) Ni  
**Current Rating (FTE/CLE):**  
2.7 A per pin  
(1 pin powered per row)  
**Operating Temp Range:**  
-55°C to +125°C  
**RoHS Compliant:**  
Yes

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

Mates with:  
CLE



## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- End shrouds with board locks
  - Gold flash plating
- Contact 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" (0,25 µm) 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 (Manual placement required) -EP = End Shroud with Guide Posts	-A = Alignment Pin (5 pos. min.) Metal or plastic at Samtec discretion (-DV only) -K = (2,50 mm) .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.

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