

(0.80 mm) .0315"

FTE SERIES

SMT MICRO HEADER

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 50 μ " (1.27 μ m) Ni
Current Rating (FTE/CLE):
2.7 A per pin
(2 pins powered)
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)

RECOGNITIONS

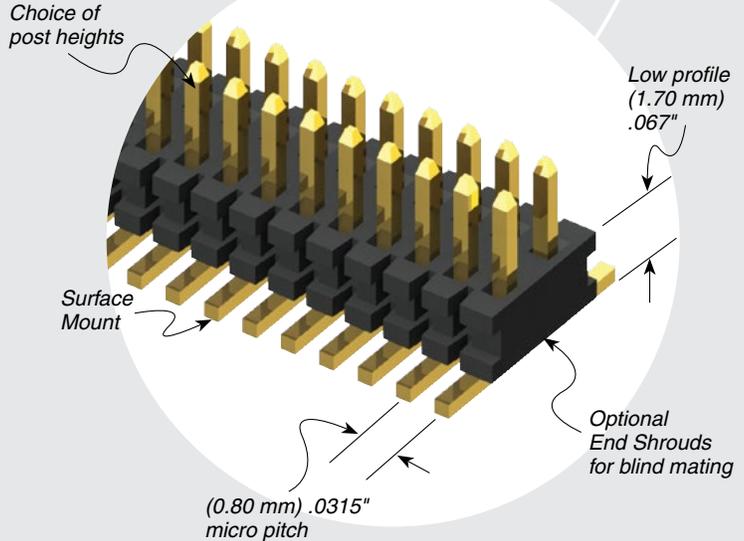
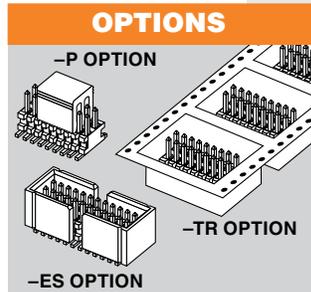
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOQ Required)

- End shrouds with board locks
 - Gold flash plating
- Contact Samtec.

Mates with:
CLE



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 = 10 μ " (0.25 mm) Gold on post, Gold flash on balance	-DV = Dual Vertical -DH = Dual Horizontal (50 pos. max.)	-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
-03	(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

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.