

FTE SERIES

SMT MICRO HEADER

For complete specifications and recommended PCB layouts see www.samtec.com?FTE

Insulator Material:
Black Liquid Crystal Polymer
Terminal Material:
Phosphor Bronze

Plating:

Current Rating (FTE/CLE):
2.7 A per pin

Operating Temp Range:

Operating Temp
-55°C to +125°C

RoHS Compliant:
Yes

Processing:

Lead-Free Solderable:
Yes

-DV Lead Coplanarity:

-DH Lead Coplanarity:
(0,10 mm) .004" max

-DH Lead Coplanarity:
(0,10 mm) .004" max (05-25)
(0,15 mm) .006" max (26-50)

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



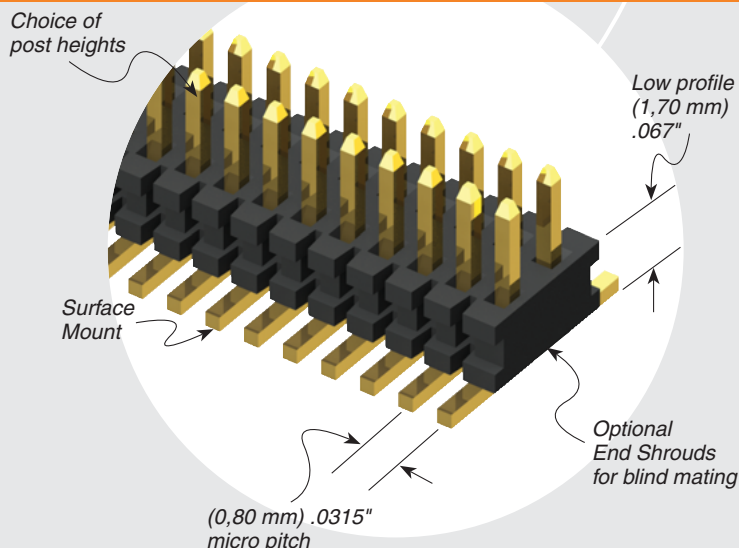
ALSO AVAILABLE
(MOQ Required)

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

Mates with:
CLE

The diagram illustrates three different connector configurations for the PCB:

- P OPTION:** Shows a connector with a single row of pins.
- TR OPTION:** Shows a connector with two rows of pins, labeled "TR" (Through-hole).
- ES OPTION:** Shows a connector with a single row of pins, labeled "ES" (Edge-mount).



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" (0,25 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

The diagram illustrates various lead styles and shroud options for a 100-pin connector. It includes top and side views of the connector with dimensions. Key dimensions include: No. of positions x (0,80) .0315, (1,20) .047, (3,05) .120, (0,30) .012 SQ, (1,38) .055, (4,57) .180, (1,70) .067, (4,17) .164, (5,08) .200, (3,18) .125, and (3,18) x .125. The diagram shows different lead styles (01, 02, 03) and shroud options (-ES, -EC, -EP, -DH, -P, -TR).

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

(Shrouded options removed for clarity)

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