

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



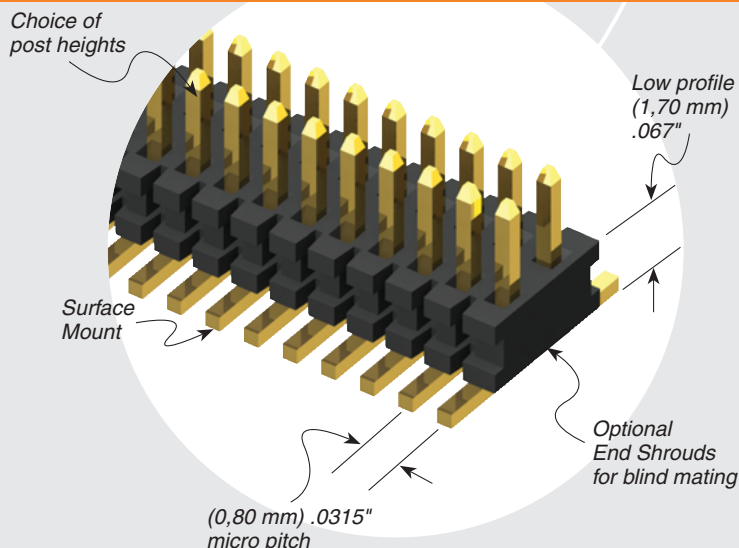
ALSO AVAILABLE
(MOQ Required)

- 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:** A single connector with a central block and two side blocks.
- TR OPTION:** A large rectangular connector with multiple rows of pins.
- ES OPTION:** A connector with a central block and two side blocks, similar to the -P option but with a different internal structure.



RECOGNITIONS

For complete scope of
recognitions see
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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

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.