

(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 μm) 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

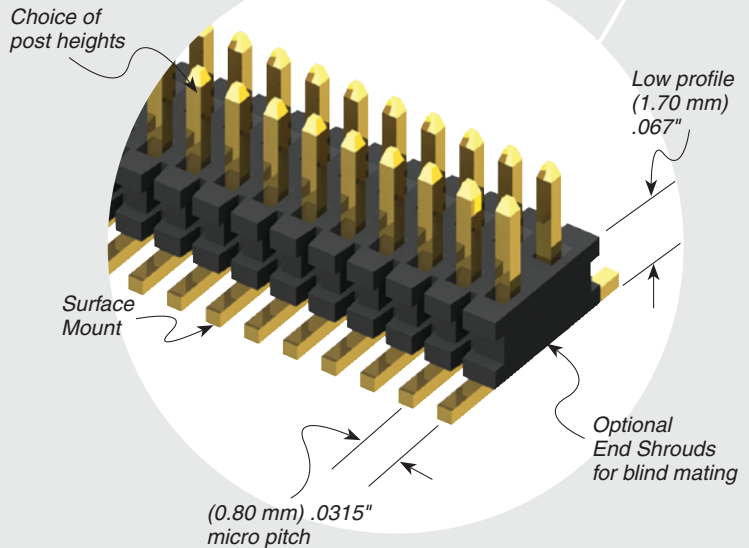
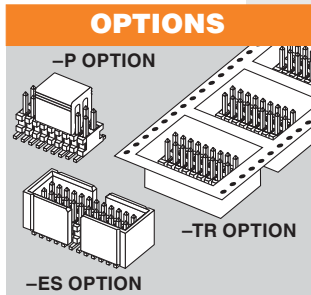
Lead-Free Solderable:
Yes
-DV Lead Coplanarity:
(0.10 mm) .004" max
-DH Lead Coplanarity:
(0.10 mm) .004" max (05-25)
(0.15 mm) .006" max (26-50)*
*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



Mates with:
CLE



05 thru 90

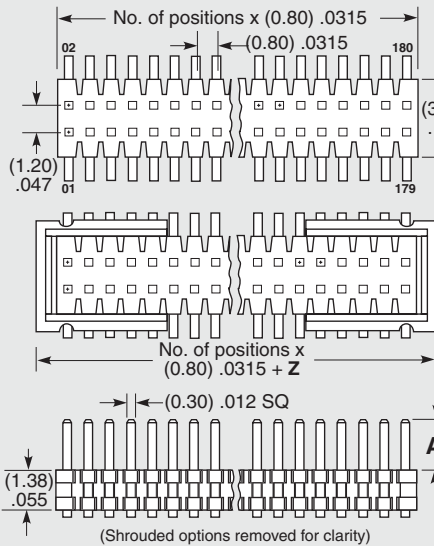
Specify LEAD STYLE from chart

-G
= 10 μ"
(0.25 μm)
Gold on post,
Gold flash on
balance

-DV
= Dual
Vertical
-DH
= Dual
Horizontal
(50 pos.
max.)

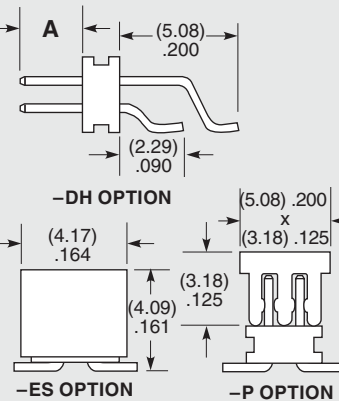
Style -01 -DV only
(11 pins/row min.)
-ES
= End Shroud
-EC
= End Shroud with
Locking Clips
(Manual placement
required)
-EP
= End Shroud with
Guide Posts

-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



ALSO AVAILABLE (MOQ Required)

- End shrouds with board locks
- Gold flash plating

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.

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