samtec

FTE–155–01–G–DV

FTE–120–01–G–DV–A

FTE–130–01–G–DV–ES

(0.80 mm) .0315"

FTE SERIES

SMT MICRO HEADER

SPECIFICATIONS

Mates with:
CLE

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
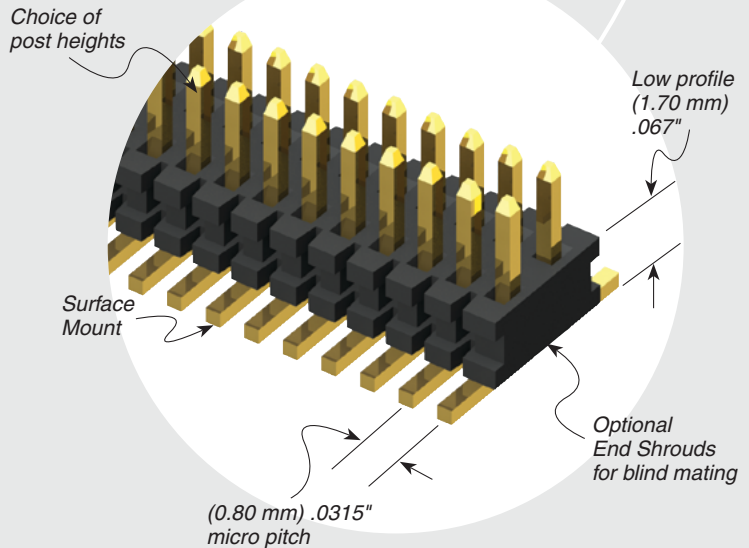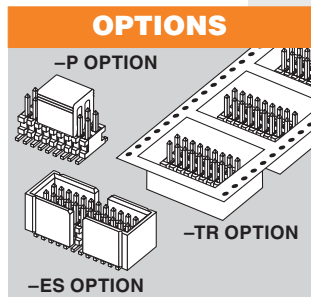**RoHS Compliant:**
Yes

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

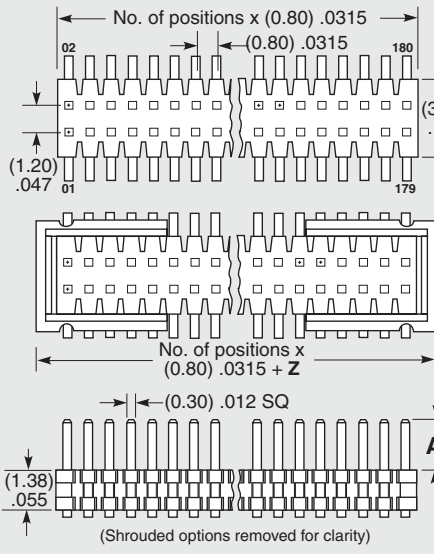For complete scope of
recognitions see
www.samtec.com/quality

FILE NO. E111594

ALSO AVAILABLE
(MOQ Required)

• End shrouds with
  board locks
• Gold flash plating

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

OPTIONS

–P OPTION

–TR OPTION

–ES OPTION

Choice of post heights

Low profile (1.70 mm) .067"

Surface Mount

Optional End Shrouds for blind mating

(0.80 mm) .0315" micro pitch

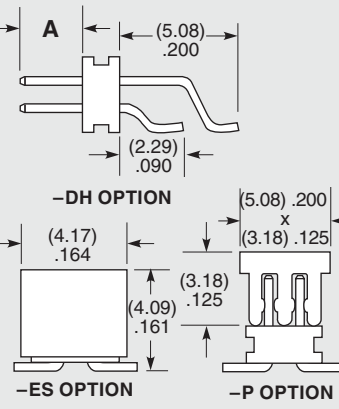| FTE	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	FLEX SHROUD OPTIONS	OTHER OPTION
		05 thru 90	Specify LEAD STYLE from chart	**–G** = 10 µ" (0.25 µm) Gold on post, Gold flash on balance	**–DV** = Dual Vertical **–DH** = Dual Horizontal (50 pos. max.)	Style –01 –DV only (11 pins/row min.) **–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

No. of positions x (0.80) .0315

(0.80) .0315

(3.05) .120

(1.20) .047

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

A (5.08) .200

(2.29) .090

–DH OPTION

No. of positions x (0.80) .0315 + Z

(0.30) .012 SQ

(1.38) .055

(Shrouded options removed for clarity)

A

(1.70) .067

(4.57) .180

(4.17) .164

(4.09) .161

–ES OPTION

(5.08) .200 x (3.18) .125

(3.18) .125

–P OPTION