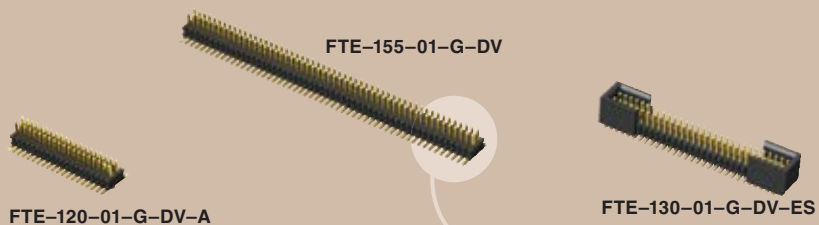


(0,80 mm) .0315"

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 50µ" (1,27 µm) Ni

Operating Temp Range:

-55°C to +125°C

RoHS Compliant:

Yes



CURRENT RATING (PER CONTACT)

AMBIENT TEMP	FTE/CLE
20°C	3.1A
40°C	2.8A
60°C	2.4A
95°C	1.6A

6 POSITIONS (2x3) POWERED

Processing:

Lead-Free Solderable:

Yes

-DV Lead Coplanarity:

(0,10 mm) .004" max

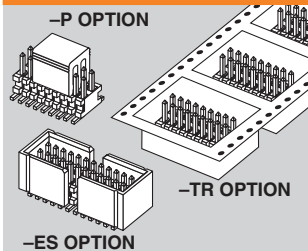
-DH Lead Coplanarity:

(0,10 mm) .004" max (05-25)

(0,15 mm) .006" max (26-50)

Mates with:
CLE

OPTIONS



APPLICATION SPECIFIC OPTION

End shrouds with board locks and Gold flash plating available. Call Samtec.

Choice of post heights

Surface Mount

Low profile
(1,70 mm)
.067"

Optional End Shrouds for blind mating

(0,80 mm) .0315" micro pitch

FTE	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	TAIL OPTION	FLEX-SHROUD OPTIONS	OTHER OPTION
1	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.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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