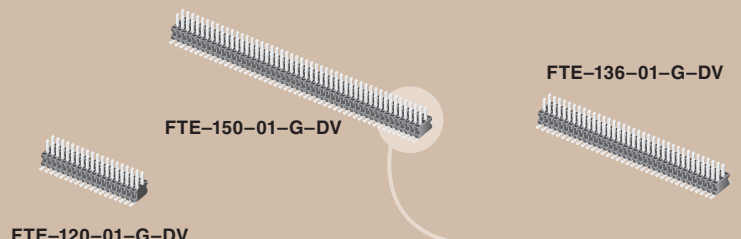
samtec



Surface SMT Mount

(0,80mm) .0315" HEADER FTE SERIES

SPECIFICATIONS

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

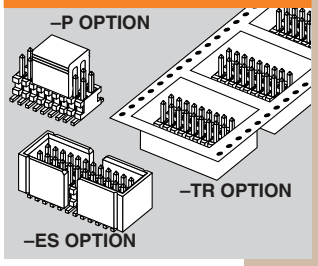
Insulator Material:
Black Liquid Crystal Polymer
FILE NO. E111594
Terminal Material:
Phosphor Bronze
Plating:
Au over 50µ" (1,27µm) Ni
Current Rating:
.75A @ 80°C ambient
Operating Temp Range:
-55°C to +125°C
RoHS Compliant:
Yes

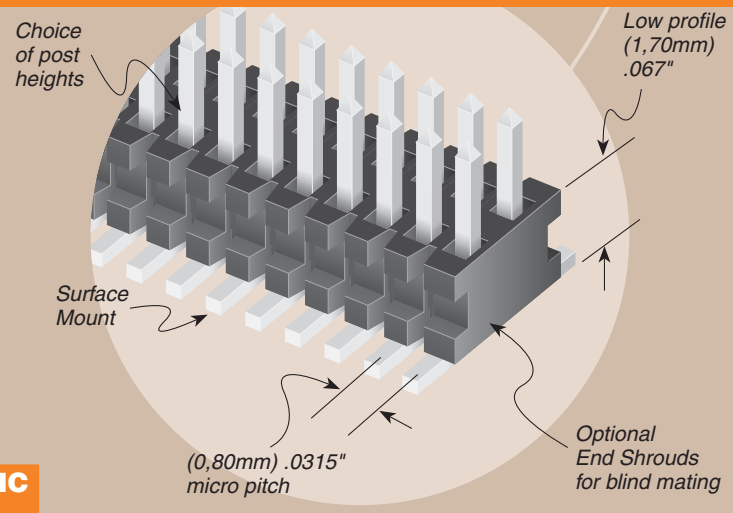
Processing:

Max Processing Temp:
230°C for 60 seconds, or 260°C for 20 seconds 3x
Lead-Free Solderable:
Yes
-DV Lead Coplanarity:
(0,10mm) .004" max
-DH Lead Coplanarity:
(0,10mm) .004" max (05-25)
(0,15mm) .006" max (26-50)

Mates with:
CLE

OPTIONS





APPLICATION SPECIFIC OPTION

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

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" (0,25µm) 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

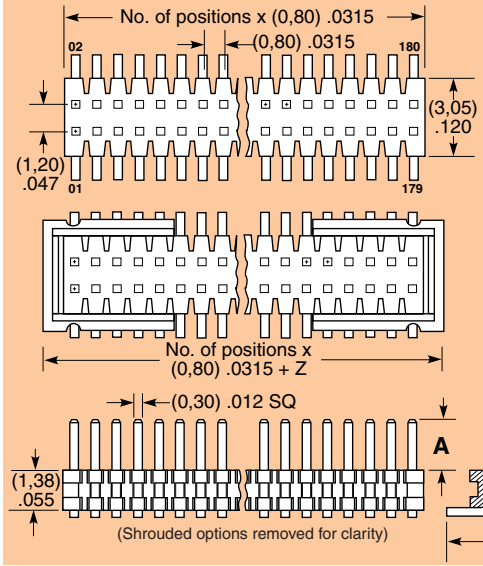
–EP
= End Shroud with Guide Posts

–A
= Alignment Pin (5 pos. min.) Metal or plastic at Samtec discretion (–DV only)

–K
= (2,50mm) .098" DIA Polyimide Film Pick & Place Pad (–DH only)

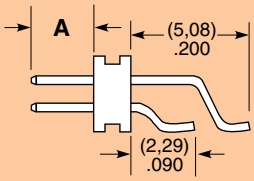
–P
= Plastic Pick & Place Pad (8 pos. min.) –DV only

–TR
= Tape & Reel Packaging

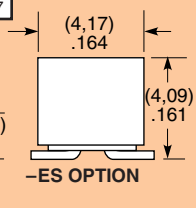


LEAD STYLE	A
–01	(1,90) .075
–02	(4,45) .175
–03	(3,05) .120

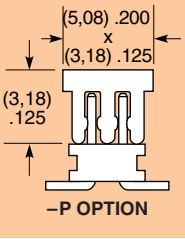
OPTION	Z
–ES	(1,57) .062
–EC	(4,11) .162
–EP	(5,51) .217



–DH OPTION



–ES OPTION



–P OPTION

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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