

Surface
SMT
Mount

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

SPECIFICATIONS

For complete specifications see www.samtec.com/FTE

Insulator Material:
Black Liquid Crystal Polymer

Terminal Material:
Phosphor Bronze

Current Rating:
.75A @ 80°C ambient

Operating Temp Range:
-65°C to +125°C

Plating:
Au over 50µ" (1,27µm) Ni

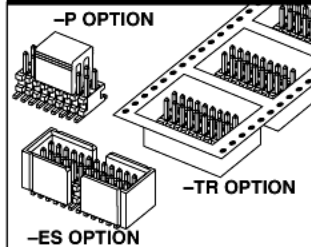
Impedance:
51 average @ 500 MHz (system @ 50)

Propagation Delay:
49.5pS @ 100pS

Cross Talk:
-18.8 dB G/S/S/G @ 1.0 GHz

Mates with:
CLE

OPTIONS



Choice of post heights

Low profile (1,70mm) .067"

Surface Mount

(0,80mm) .0315" micro pitch

Optional End Shrouds for blind mating

APPLICATION SPECIFIC OPTION

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

Processing:

Max Processing Temp:

230°C for 60 seconds

-DV Lead Coplanarity:

(0,10mm) .004" max

-DH Lead Coplanarity:

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

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

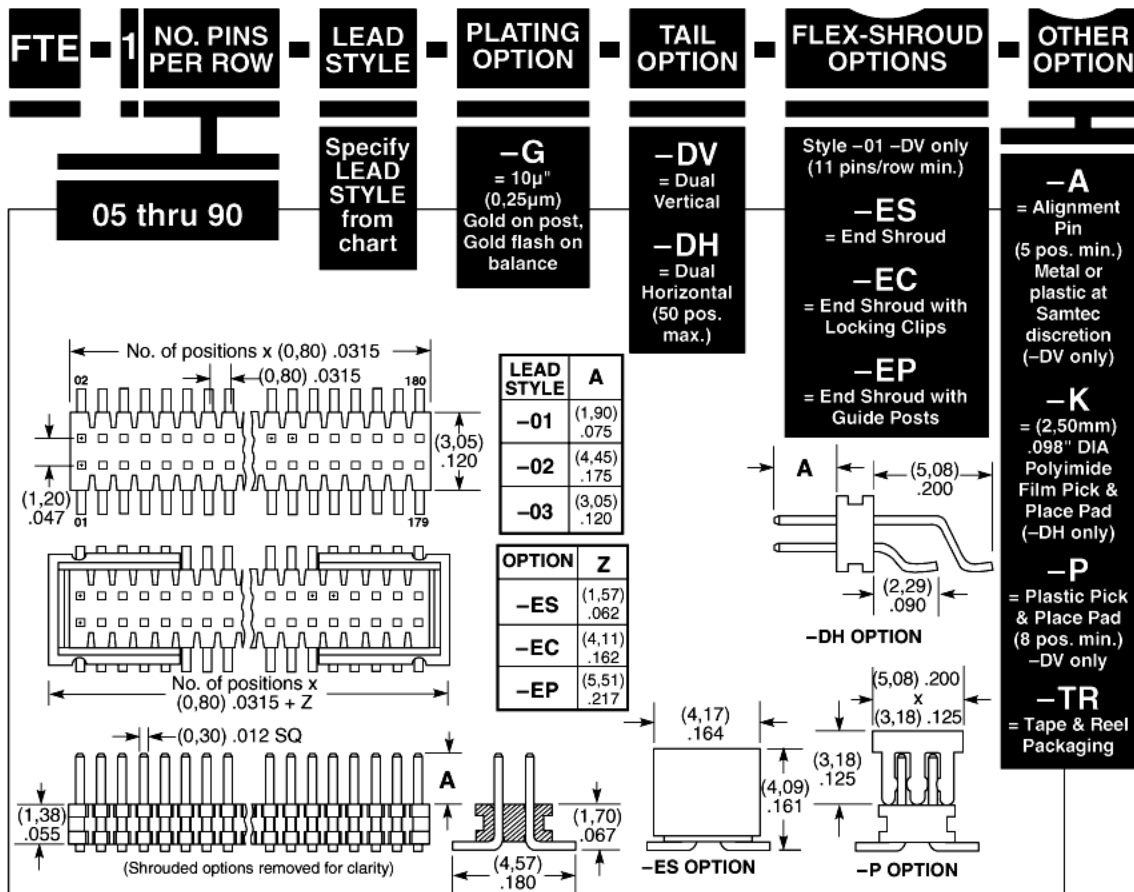
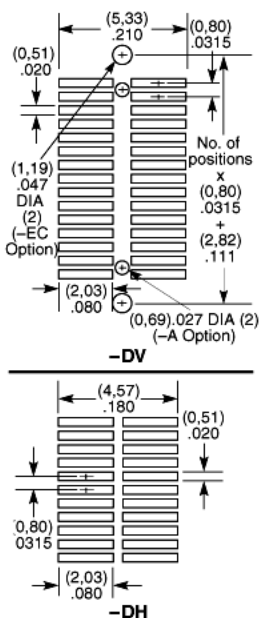
Suggested Paste Thickness:

For most applications add (0,05mm) .002" to max SMT lead coplanarity

Suggested PCB Layouts:

For reference only. Go to

www.samtec.com/FTE for recommended PCB layout.



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

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