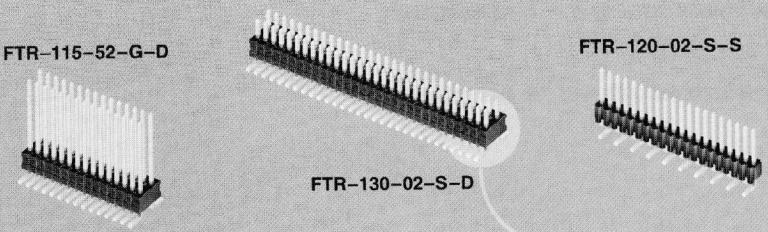
samtec



Surface SMT Mount

(1,27mm) .050" HEADER FTR SERIES

(1,27mm) .050" X (2,54mm) .100"

SPECIFICATIONS

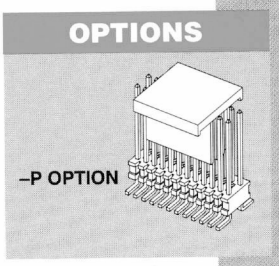
For complete specifications see www.samtec.com?FTR

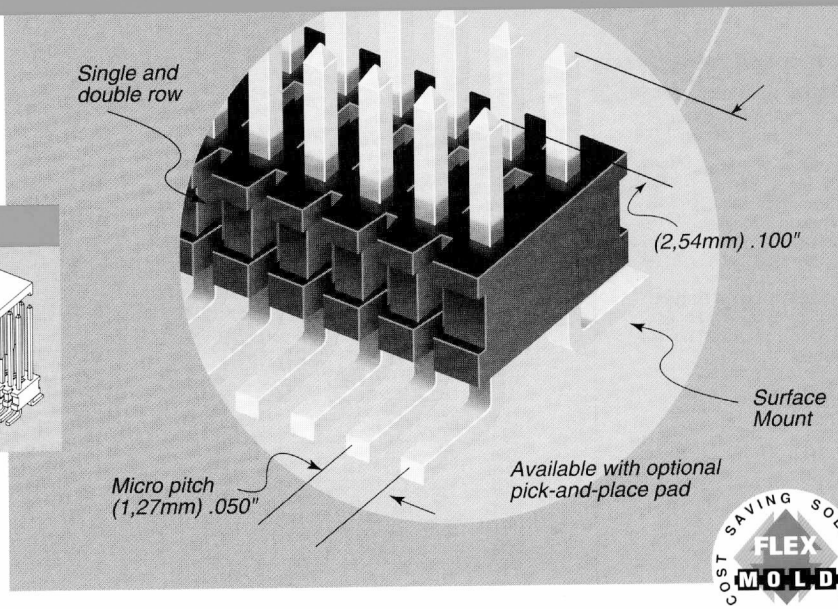
Insulator Material: Black Liquid Crystal Polymer or Nylon 4/6 UL FILE NO. E111594
Terminal Material: Phosphor Bronze
Current Rating: 1A
Operating Temp Range: -65°C to +105°C with Tin; -65°C to +125°C with Gold
Plating: Au or Sn over 50µ" (1,27µm) Ni
Important Note: Style -02 with -S plating should not be mated with SLM

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

Mates with: RSM, SMS, SLM

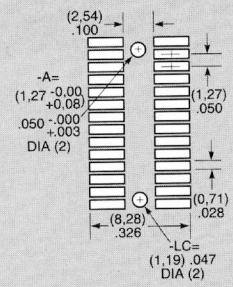
OPTIONS

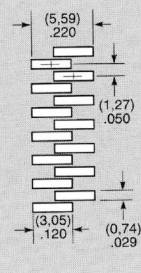




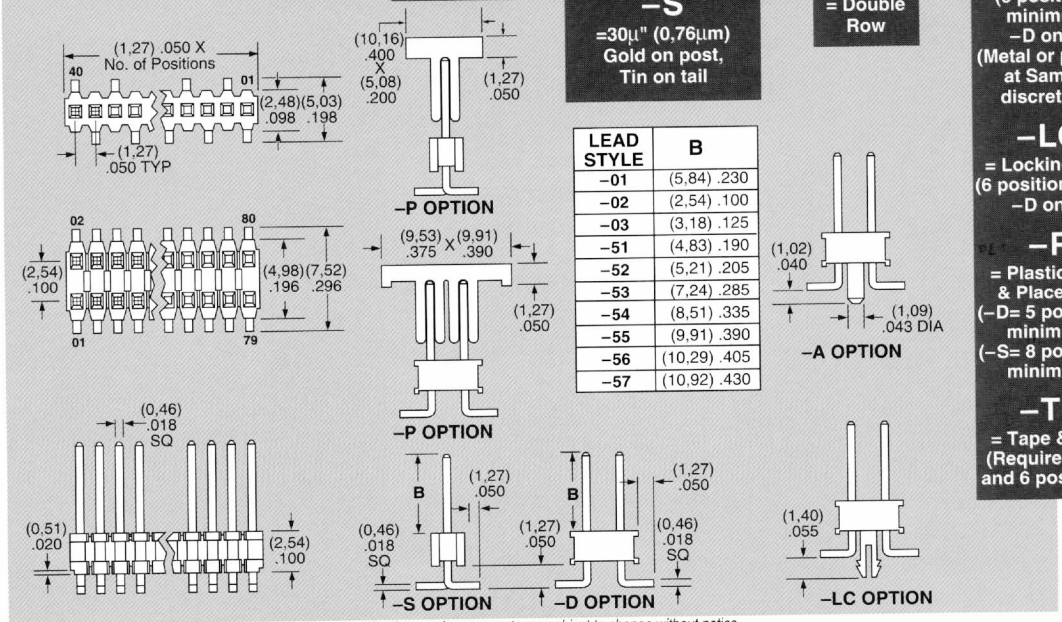
Processing:

Max Processing Temp: 230°C for 60 seconds
SMT Lead Coplanarity: (0,10mm) .004" max (02-20) (0,15mm) .006" max (21-40)
Suggested Paste Thickness: For most applications add (0,05mm) .002" to max SMT lead coplanarity
Suggested PCB Layouts: For reference only. Please contact Samtec or go to www.samtec.com?FTR for recommended PCB layout.





FTR	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION	–	OPTION
			02 thru 40		Specify LEAD STYLE from chart		–G =10µ" (0,25µm) Gold on post, Gold flash on tail –S =30µ" (0,76µm) Gold on post, Tin on tail		–S = Single Row –D = Double Row		–"XXX" = Polarized –A = Alignment Pin (5 positions minimum –D only) (Metal or plastic at Samtec discretion) –LC = Locking Clip (6 positions min. –D only) –P = Plastic Pick & Place Pad (–D= 5 positions minimum) (–S= 8 positions minimum) –TR = Tape & Reel (Required for 5 and 6 positions)



LEAD STYLE	B
–01	(5,84) .230
–02	(2,54) .100
–03	(3,18) .125
–51	(4,83) .190
–52	(5,21) .205
–53	(7,24) .285
–54	(8,51) .335
–55	(9,91) .390
–56	(10,29) .405
–57	(10,92) .430

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

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