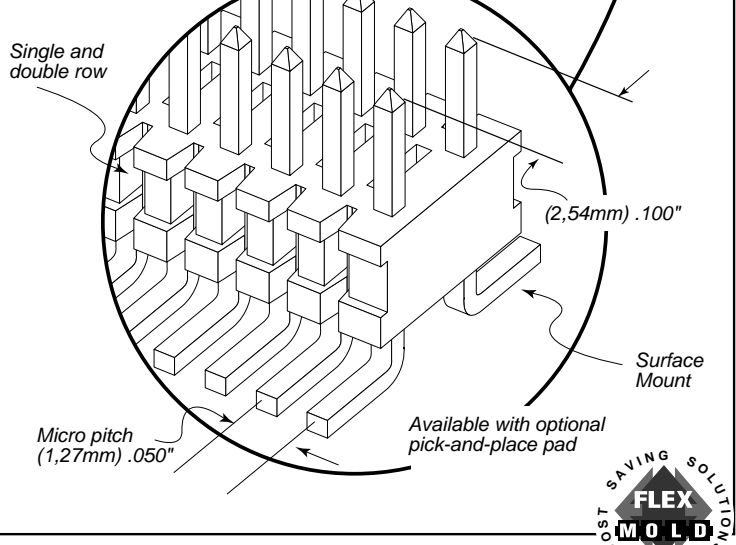
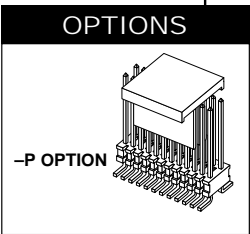


Surface Mount **SMT** (1,27mm) .050" HEADER FTR SERIES

**SPECIFICATIONS**

**Materials:**  
**Insulator Material:** Black Liquid Crystal Polymer or Nylon 4/6  
**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

Mates with: RSM, SMS, SLM

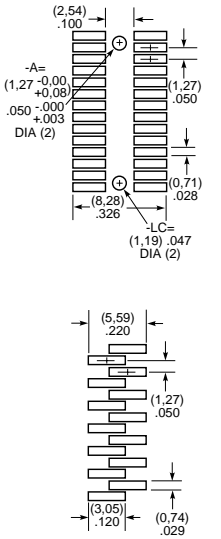


**Important Note:** Style -02 with -S plating should not be mated with SLM

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



**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:** Your specific layout may vary



<b>FTR</b>	<b>1</b>	<b>NO. PINS PER ROW</b>	<b>LEAD STYLE</b>	<b>PLATING OPTION</b>	<b>ROW OPTION</b>	<b>OPTION</b>
		<b>02 thru 40</b>	<b>Specify LEAD STYLE from chart</b>	<p><b>-G</b> =10µ" (0,25µm) Gold post Gold flash tail</p> <p><b>-S</b> =30µ" (0,76µm) Gold post 150µ" (3,81µm) Tin tail</p> <p><b>-T</b> =150µ" (3,81µm) Tin</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>-“XXX”</b> = Polarized</p> <p><b>-A</b> = Alignment Pin (5 positions minimum -D only) (Metal or plastic at Samtec discretion)</p> <p><b>-LC</b> = Locking Clip (6 positions min. -D only)</p> <p><b>-P</b> = Plastic Pick &amp; Place Pad (-D= 5 positions minimum) (-S= 9 positions minimum)</p> <p><b>-TR</b> = Tape &amp; Reel (Required for 5 and 6 positions)</p>

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.