

(1,27mm) .050"

FTR SERIES

# SMT MICRO HEADER

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?FTR](http://www.samtec.com?FTR)

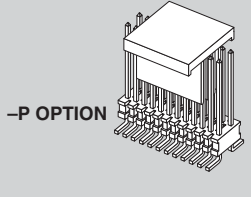
**Insulator Material:** Black Liquid Crystal Polymer  
**Terminal Material:** Phosphor Bronze  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 1A  
**Operating Temp Range:** -55°C to +105°C with Tin; -55°C to +125°C with Gold  
**RoHS Compliant:** Yes



**Processing:**  
**Lead-Free Solderable:** Yes  
**SMT Lead Coplanarity:** (0,10mm) .004" max (02-20) (0,15mm) .006" max (21-40)

Mates with:  
RSM, SMS, SLM

## OPTIONS



Single and double row

Micro pitch (1,27mm) .050"

FTR-120-02-G-S

FTR-130-02-G-D

FTR-115-52-G-D

(2,54mm) .100"

Surface Mount

Available with optional Pick & Place Pad

FTR	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION																					
	02 thru 40	Specify LEAD STYLE from chart	<p><b>-L</b> = 10µ" (0,25µm) Gold on post, Matte Tin on tail</p> <p><b>-G</b> = 10µ" (0,25µm) Gold on post, Gold flash on tail</p>	<p><b>-S</b> = Single Row</p> <p><b>-D</b> = Double Row</p>	<p><b>-“XX”</b> = Polarized</p> <p><b>-A</b> = Alignment Pin (5 positions minimum -D only) (Metal or plastic at Samtec discretion) (N/A with -LC)</p> <p><b>-LC</b> = Locking Clip (6 positions minimum -D only) (N/A with -A) (Manual placement required)</p> <p><b>-P</b> = Plastic Pick &amp; Place Pad (-D= 5 positions minimum) (-S= 8 positions minimum)</p> <p><b>-TR</b> = Tape &amp; Reel (-S= 4 positions minimum)</p>																					
			<p>Note: Other Gold plating options available. Contact Samtec.</p> <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>B</th> </tr> </thead> <tbody> <tr><td>-01</td><td>(5,84) .230</td></tr> <tr><td>-02</td><td>(2,54) .100</td></tr> <tr><td>-03</td><td>(3,18) .125</td></tr> <tr><td>-51</td><td>(4,83) .190</td></tr> <tr><td>-52</td><td>(5,21) .205</td></tr> <tr><td>-53</td><td>(7,24) .285</td></tr> <tr><td>-54</td><td>(8,51) .335</td></tr> <tr><td>-55</td><td>(9,91) .390</td></tr> <tr><td>-56</td><td>(10,29) .405</td></tr> <tr><td>-57</td><td>(10,92) .430</td></tr> </tbody> </table>	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	
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Note: Some sizes, 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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