

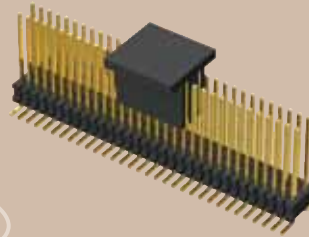
FTR-107-02-G-D-A



FTR-110-52-G-S



FTR-132-52-G-D-P



**FTR SERIES**

(1,27 mm) .050"

# SMT MICRO HEADER

## SPECIFICATIONS

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

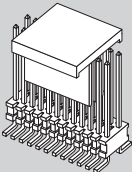
**Insulator Material:**  
Black Liquid Crystal Polymer  
**Terminal Material:**  
Phosphor Bronze  
**Plating:**  
Au or Sn over  
50µ" (1,27 µm) Ni  
**Current Rating (FTR/RSM):**  
3.1 A per pin  
(1 pin powered per row)  
**Operating Temp Range:**  
-55°C to +105°C with Tin;  
-55°C to +125°C with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

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

Mates with:  
RSM, SMS, SLM

## OPTIONS

-P OPTION



Single and double row

Micro pitch  
(1,27 mm) .050"

(2,54 mm)  
.100"

Surface Mount

Available with optional  
Pick & Place Pad

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

<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>	Specify LEAD STYLE from chart	<p><b>-L</b> = 10µ" (0,25 µm) Gold on post, Matte Tin on tail</p> <p><b>-G</b> = 10µ" (0,25 µm) 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>

**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.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)