

(1,27 mm) .050"

FTR-107-02-G-D-A

FTR-110-52-G-S

FTR-132-52-G-D-P

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" (1,27 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

(2,54 mm)

.100"

Surface  
Mount

Micro pitch  
(1,27 mm) .050"

Available with optional  
Pick & Place Pad

## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

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

| FTR        | 1 | NO. PINS PER ROW | LEAD STYLE                    | PLATING OPTION                                                                                                                                  | ROW OPTION                                                 | OPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|---|------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 02 thru 40 |   |                  | Specify LEAD STYLE from chart | <b>-L</b><br>= 10µ" (0,25 µm)<br>Gold on post,<br>Matte Tin on tail<br><br><b>-G</b><br>= 10µ" (0,25 µm)<br>Gold on post,<br>Gold flash on tail | <b>-S</b><br>= Single Row<br><br><b>-D</b><br>= Double Row | <b>-“XX”</b><br>= Polarized<br><br><b>-A</b><br>= Alignment Pin<br>(5 positions minimum -D only)<br>(Metal or plastic at Samtec discretion)<br>(N/A with -LC)<br><br><b>-LC</b><br>= Locking Clip<br>(6 positions minimum -D only)<br>(N/A with -A)<br>(Manual placement required)<br><br><b>-P</b><br>= Plastic Pick & Place Pad<br>(-D = 5 positions minimum)<br>(-S = 8 positions minimum)<br><br><b>-TR</b><br>= Tape & Reel<br>(-S = 4 positions minimum) |

  

| 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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