

(1,27 mm) .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" (1,27 µm) Ni

### Current Rating:

1A per contact

### 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)

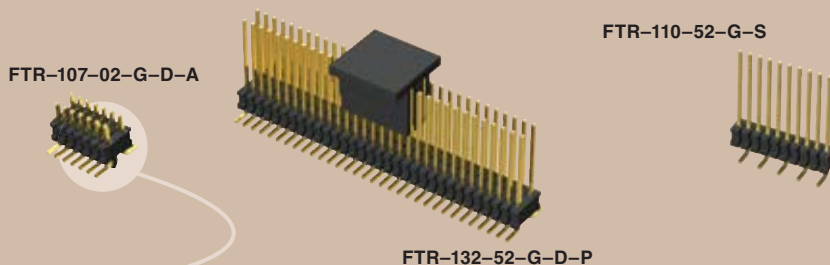
(0,15 mm) .006" max (21-40)



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

FTR

1

NO. PINS  
PER ROWLEAD  
STYLEPLATING  
OPTIONROW  
OPTION

OPTION

02 thru 40

Specify  
LEAD  
STYLE  
from  
chart

-L  
= 10µ" (0,25 µm)  
Gold on post,  
Matte Tin on tail

-G  
= 10µ" (0,25 µm)  
Gold on post,  
Gold flash on tail

Note: Other Gold plating  
options available.  
Contact Samtec.

-S  
= Single  
Row

-D  
= Double  
Row

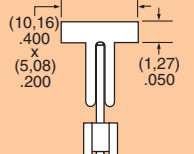
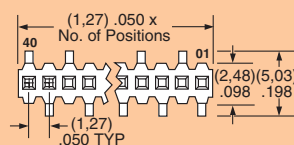
-“XX”  
= Polarized

-A  
= Alignment Pin  
(5 positions  
minimum -D only)  
(Metal or plastic at  
Samtec discretion)  
(N/A with -LC)

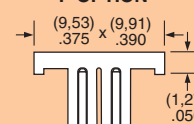
-LC  
= Locking Clip  
(6 positions  
minimum -D only)  
(N/A with -A)  
(Manual placement  
required)

-P  
= Plastic Pick  
& Place Pad  
(-D = 5 positions  
minimum)  
(-S = 8 positions  
minimum)

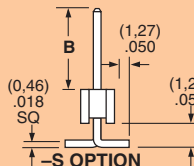
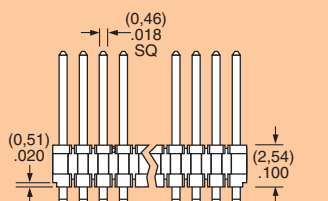
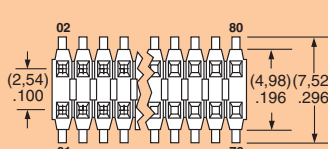
-TR  
= Tape & Reel  
(-S = 4 positions  
minimum)



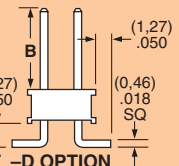
-P OPTION



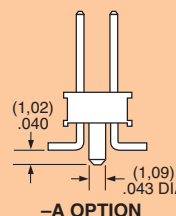
-P OPTION



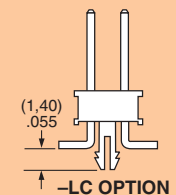
-S OPTION



-D OPTION



-A OPTION



-LC OPTION

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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