

(1,27 mm) .050"

FTR SERIES

SMT MICRO HEADER

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/FTR

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1,27 μ m) 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)

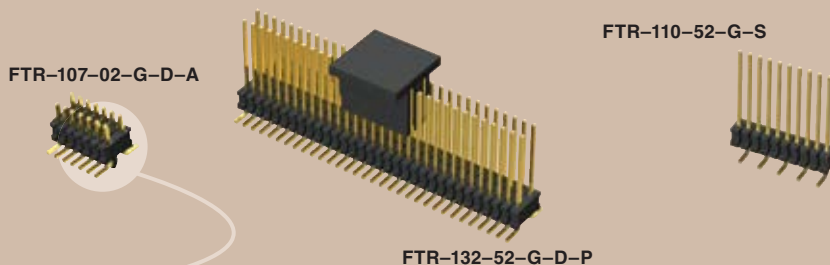
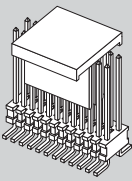
(0,15 mm) .006" max (21-40)



Mates with:
RSM, SMS, SLM

OPTIONS

-P OPTION



Single and
double row

Micro pitch
(1,27 mm) .050"

(2,54 mm)
.100"

Surface
Mount

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
= 10 μ " (0,25 μ m)
Gold on post,
Matte Tin on tail

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

-S
= Single
Row

-D
= Double
Row

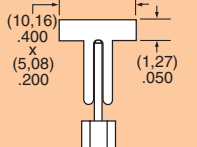
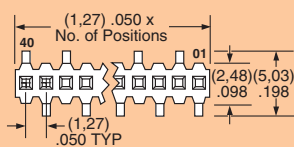
-“XX”
= Polarized

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

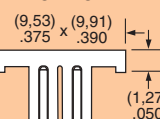
-LC
= Locking Clip
(6 positions
minimum -D only)
(N/A with -A)
(Manual placement
required)

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

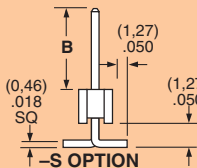
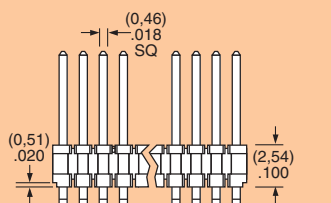
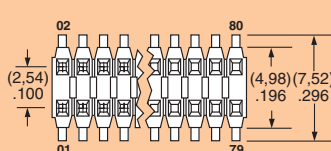
-TR
= Tape & Reel
(-S = 4 positions
minimum)



-P OPTION



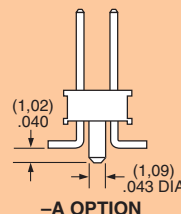
-P OPTION



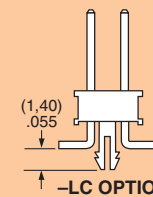
-S OPTION

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

Note: Other Gold plating options available. Contact Samtec.



-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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