

FTR-110-52-G-S

FTR-107-02-G-D-A

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

Insulator Material:

Black Liquid Crystal Polymer

Terminal Material

Phosphor Bronze

Plating:
Au or Cr over

Au or Sn over
50 μ m (1.37 μ m)

Current Bating (ETB/BSM):

Current Rating (I_{DC})
3.1 A per pin

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(2 pins powered)

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C

Rot
Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (02-20)

(0.15 mm) .006" max (21-40)*
*1/2" .004" at small end

*(.004" stencil solution may be available; contact

may be available; contact
IPG@samtec.com)

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

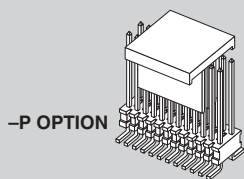


ALSO AVAILABLE
(MOQ Required)

- Other platings

Mates with:
RSM, SMS, SLM

OPTIONS



Single and double row

(2.54 mm)
1.00"

Surface mount

Micro pitch —
(1.27 mm) .050"

Available with optional
pick & place pad

FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
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02 thru 40

Specify
LEAD
STYLE
from
chart

-P OPTION

-P OPTION

-S OPTION

-D OPTION

-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

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

-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)

-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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.