

(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

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW 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	-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)

Diagram showing dimensions for FTR header with 02 thru 40 pins.

Diagram showing dimensions for -P OPTION lead style.

Diagram showing dimensions for -A OPTION lead style.

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

Diagram showing dimensions for -P OPTION lead style.

Diagram showing dimensions for -S OPTION lead style.

Diagram showing dimensions for -D OPTION lead style.

Diagram showing dimensions for -LC OPTION lead style.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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