

(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

50 μ " (1.27 μ m) Ni

Current Rating (FTR/RSM):

3.1 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C with Gold

RoHS Compliant:

Yes

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

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

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

(0.15 mm) .006" max (21-40)*

*(.004" stencil solution

may be available; contact

IPG@samtec.com)

RECOGNITIONS

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other platings

FTR	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OPTION
02 thru 40			Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail -G = 10 μ" (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)

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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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.