

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 Sn over
50 wt% (1.07 wt%)

Current Bating (ETB/BSM):

Current Rating
3.1 A per pin

0.1 A per pin
(2 pins powered)

Operating Temp Range:

-55 °C to +105 °C with Tin;

-55 °C to +125 °C

Yes

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

may be available; contact
IPG@samtec.com)

RECOGNITIONS

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

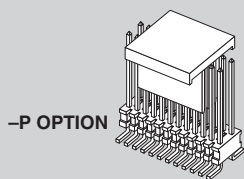


ALSO AVAILABLE
(MOQ Required)

- Other platings

Mates with:
RSM, SMS, SLM

OPTIONS



Single and double row

(2.54 mm)
100"

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

Diagram showing a 40-pin connector with dimensions: (1.27) .050 x No. of Positions, (2.48) (5.03) .098 .198, (1.27) .050 TYP.

Diagram showing an 80-pin connector with dimensions: (2.54) .100, (4.98) (7.52) .196 .296.

Diagram showing a 20-pin connector with dimensions: (0.46) .018 SQ, (0.51) .020, (2.54) .100.

Specify LEAD STYLE from chart

Diagram showing a **-P OPTION** lead style with dimensions: (10.16) .400 x (5.08) .200, (1.27) .050.

Diagram showing a **-P OPTION** lead style with dimensions: (9.53) x (9.91) .375 x .390, (1.27) .050.

Diagram showing a **-S OPTION** lead style with dimensions: (0.46) .018 SQ, (1.27) .050.

Diagram showing a **-D OPTION** lead style with dimensions: (0.46) .018 SQ, (1.27) .050.

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 a **-A OPTION** lead style with dimensions: (1.02) .040, (1.09) .043 DIA.

Diagram showing a **-LC OPTION** lead style with dimensions: (1.40) .055.

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.

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