

FTN18WF104F01RT

In Production

Recommended

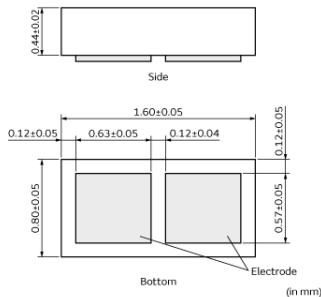


Note: This datasheet may be out of date.

Please download the latest datasheet of FTN18WF104F01RT from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en/products/productdetail?partno=FTN18WF104F01RT>

Appearance & Shape



Features

1. This product is built in our chip NTC thermistor.
2. Excellent environmental resistance and mechanical strength by resin package.
3. Surface of the resin package is flat and insulative, it is possible to mount to a metallic steel case directly.
4. Quick response
5. Product change over time is little and stable.
6. Reflow and wire bonding available
7. Lead free
8. UL/cUL certified product. (UL1434, File No. E137188)

Applications

Limited Usage	Consumer Grade
---------------	----------------

Packaging Information

Packaging	Specifications	Standard Packing Quantity
RT	180mm Paper Tape	4000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

FTN18WF104F01RT

Specifications

Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4250K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	4303K
B-Constant(25/85°C) (Reference Value)	4311K
B-Constant(25/100°C) (Reference Value)	4334K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.031mA
Rated Electric Power (25°C)	4.5mW
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 125°C
Thermal Time Constant	2s
Lead Shape	Insulation type
Shape	SMD
Mass	0.0014g
MSL	3

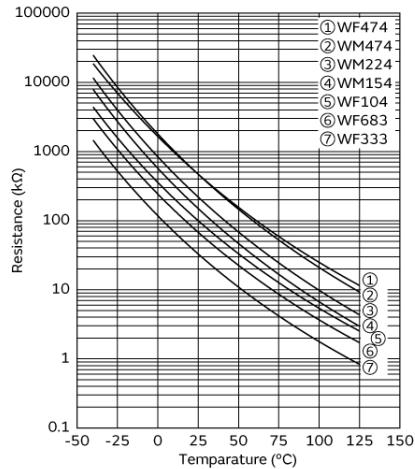
Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

FTN18WF104F01RT



Product Data



Resistance-Temperature Characteristics

3 of 3

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.