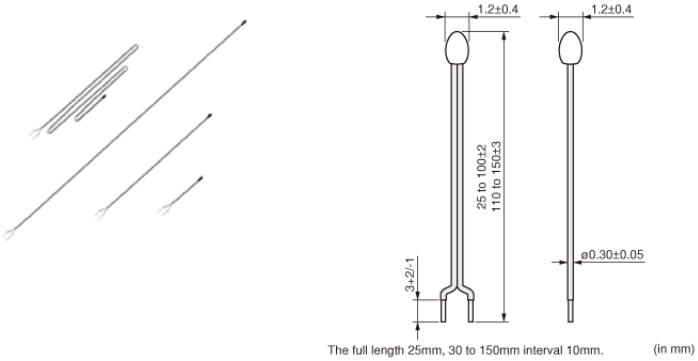
Note: This datasheet may be out of date.
Please download the latest datasheet of NXFS15WF104FA1B___ from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-us/products/productdetail?partno=NXFS15WF104FA1B___

NXFS15WF104FA1B___

In Production | Recommended | RoHS | REACH

Appearance & Shape



Features

1. High accuracy and high sensibility temperature sensing is available by the small size and high accuracy NTC Thermistor.
2. Narrow space temperature sensing is available by the small sensing head and the thin lead wire.
3. Flexibility and wide variety length (25 mm to 150mm) enables designing flexible temperature sensing architectures.
4. This product is compatible with our 0402 (EIA) size chip Thermistor.
5. Excellent long time aging stability
6. This is halogen free product (Cl= max.900ppm、Br=max.900ppm and Cl+Br=max.1500ppm).
7. Lead is not contained in the product.
8. NXFT series are recognized by UL/cUL (UL1434, File No.E137188).

Applications

Limited Usage	Automotive Grade
Other Usage	1. Car audio, car navigation 2. Variousengine control units 3. Circuits for ETC equipment 4. Variousmotor driving circuits 5. Temperature compensation for various circuits

Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000

Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.

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NXFS15WF104FA1B___

Specifications

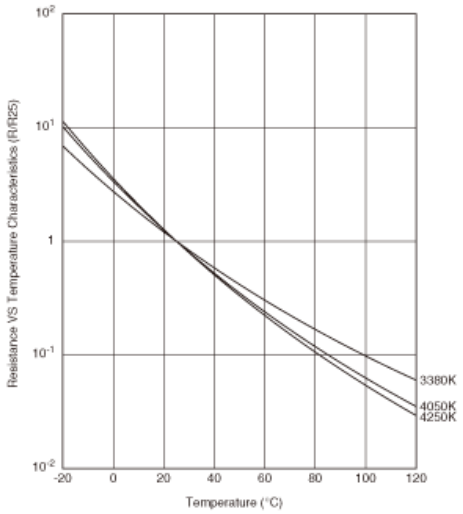
Resistance (25℃)	100kΩ
Resistance Value Tolerance (at 25℃)	±1%
B-Constant (25/50℃)	4250K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃)(Reference Value)	4303K
B-Constant(25/85℃)(Reference Value)	4311K
B-Constant(25/100℃)(Reference Value)	4334K
Operating Current for Sensor(25℃)	0.04mA
Rated Electric Power (25℃)	7.5mW
Typical Dissipation Constant (25℃)	1.5mW/℃
Thermal Time Constant	4s
Operating Temperature Range	-40℃ to 125℃
Lead Shape	Lead Wire type
Shape	Lead
Mass	0.03g to 0.15g

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NXFS15WF104FA1B___

Product Data



Resistance-Temperature Characteristics

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