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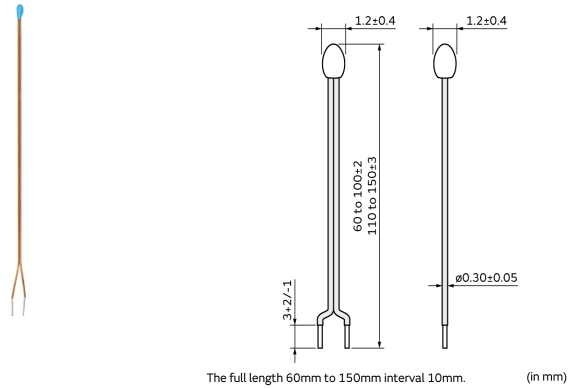
http://www.murata.com/en-sg/products/productdetail?partno=NXFT15XV103FA2B___

NXFT15XV103FA2B___

In Production | Recommended | RoHS | REACH

Appearance & Shape



The full length 60mm to 150mm interval 10mm. (in mm)

Applications

Limited Usage	Consumer Grade
Other Usage	1. Temperature compensation for transistor, IC and crystal oscillator in mobile communications 2. Temperature sensor for rechargeable batteries 3. Temperature compensation of LCD 4. Temperature compensation in general use of electric circuits

Packaging Information

Packaging	Specifications	Standard Packing Quantity
B	Bulk(Bag)	1000

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. You can choose the optimum length according to the design layout.
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. NXF series are recognized by UL/cUL (UL1434, File No.E137188).

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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NXFT15XV103FA2B___

Specifications

Resistance (25℃)	10kΩ
Resistance Value Tolerance (at 25℃)	±1%
B-Constant (25/50℃)	3936K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃) (Reference Value)	3971K
B-Constant(25/85℃) (Reference Value)	3977K
B-Constant(25/100℃) (Reference Value)	3989K
Maximum Operating Current (25℃)	0.12mA
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	0.027g ~ 0.15g

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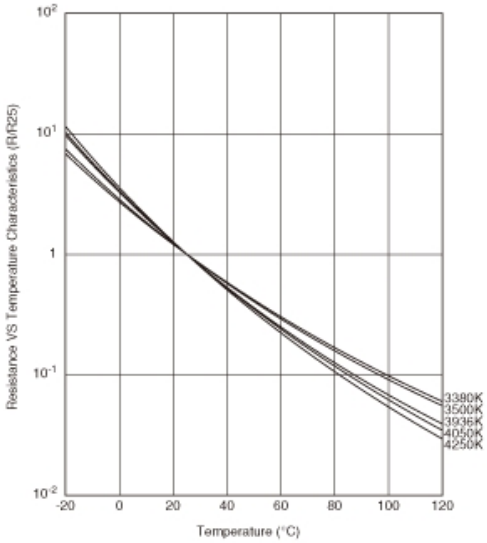
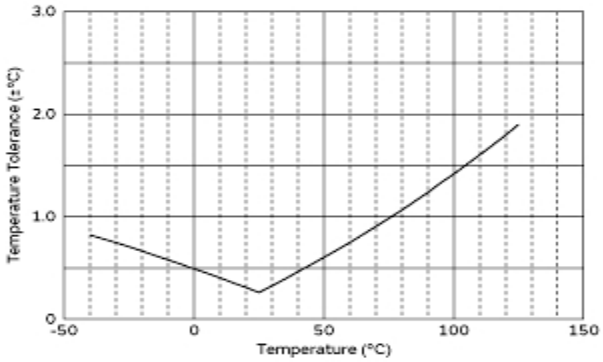
NXFT15XV103FA2B___

Product Data



Resistance-Temperature Characteristics



Temperature Tolenrance VS. Temp.

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