

Product Search Data Sheet

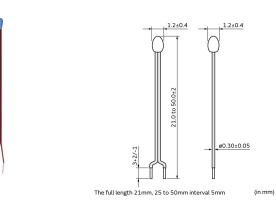
NXFT15XV302FEAB045

In Production Recommended RoHS REACH

Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	

Appearance & Shape



Note: This datasheet may be out of date. Please download the latest datasheet of NXFT15XV302FEAB045 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NXFT15XV302FEAB045

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В	Bulk(Bag)	1000



 High accuracy and high sensibility temperature sensing is available by the small size and high accuracy NTC Thermistor.
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 (CI= max.900ppm、

Br=max.900ppm and CI+Br=max.1500ppm).

- 7. Lead is not contained in the product.
- 8. UL/cULcertified product.(UL1434, File No. E137188)

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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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Specifications

Resistance (25°C)	3κΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3936K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	3971K
B-Constant(25/85°C) (Reference Value)	3977K
B-Constant(25/100°C) (Reference Value)	3989К
Maximum Operating Current (25°C)	0.14mA
Rated Electric Power (25°C)	3.0mW
Typical Dissipation Constant (25°C)	0.6mW/°C
Operating Temperature Range	-40°C to 125°C
Thermal Time Constant	3s
Lead Shape	Lead Wire type(Non-Twist type)
Size Code (in mm)	045 = 45mm
Size Code (in inch)	045 = 45mm
Shape	Lead
Mass	0.045g
MSL	Ν

Glossary of NTC thermistors

Related documents (UL, RoHS, etc.)

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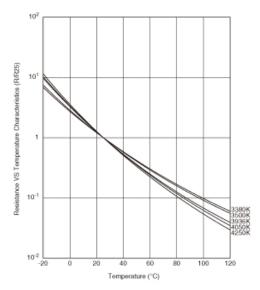
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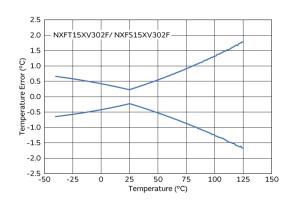
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Product Data





Resistance-Temperature Characteristics

Temperature Error Characteristics

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