

### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of NXRT15XV502FA3A016 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=NXRT15XV502FA3A016

# NXRT15XV502FA3A016









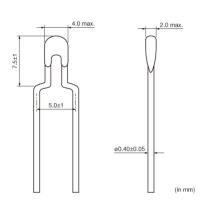
# **Applications**

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



# Appearance & Shape







## Packaging Information

Packaging	Specifications	Standard Packing Quantity
A016	Ammo Pack	2500



### **Features**

- 1. High accuracy and high sensibility temperature sensing is available by the high accuracy NTC Thermistor.
- 2. This product is compatible with 1005 (1.0mm \* 0.5mm) size NTC Thermistor.
- 3. The variation per hour of this product is stable few.
- 4. This product is produced with the automation line which was consistent from a lead to packing so that the product of uniform quality may be obtained at low cost in large quantities.
- 5. Since this product has strong lead intensity with original lead mounting technique, it is bent at the time of use and can perform processing etc. freely. Moreover, taping supply can also respond.
- 6. UL/cULcertified product.(UL1434, File No. E137188)

1 of 3

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- 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)	5kΩ	
	3822	
Resistance Value Tolerance	±1%	
(at 25°C)		
B-Constant (25/50°C)	3936K	
B-Constant (25/50°C)	±1%	
Tolerance	11/0	
B-Constant(25/80°C)	3971K	
(Reference Value)		
B-Constant(25/85°C)	3977K	
(Reference Value)		
B-Constant(25/100°C)	3989K	
(Reference Value)		
Maximum Operating Current (25°C)	0.17mA	
Rated Electric Power (25°C)	7.5mW	
Typical Dissipation Constant	1.5mW/℃	
(25°C)	1.511107/ C	
Operating Temperature	-40°C to 125°C	
Range		
Thermal Time Constant	4s	
Lead Shape	Lead Wire type	
Size Code (in mm)	016=16mm	
Size Code (in inch)	016=16mm	
Shape	Lead	
Mass	0.087g	
MSL	N	

2 of 3

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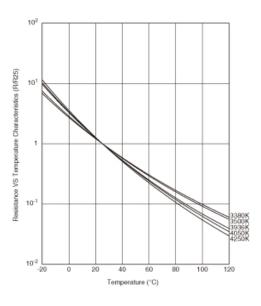
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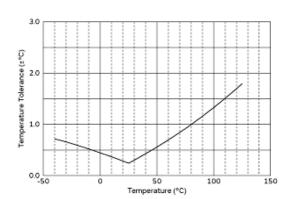
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## **Product Data**





Resistance-Temperature Characteristics

Temperature Tolenrance VS. Temp.

3 of 3

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