

#### **Product Search Data Sheet**

Note: This datasheet may be out of date. Please download the latest datasheet of NXRT15XV103FA3A016 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NXRT15XV103FA3A016

# NXRT15XV103FA3A016









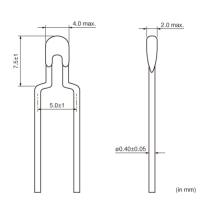
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Industrial Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Specific Applications	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)

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# **Specifications**

Resistance (25°C)	10kΩ
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)	3989K
Maximum Operating Current (25°C)	0.12mA
Rated Electric Power (25°C)	7.5mW
Typical Dissipation Constant (25°C)	1.5mW/°C
Operating Temperature Range	-40°C to 125°C
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

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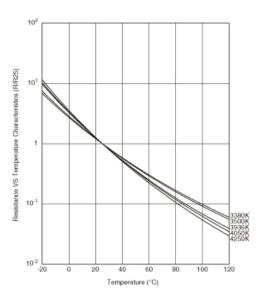
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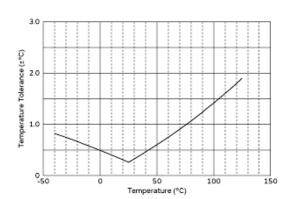
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### **Product Data**





Resistance-Temperature Characteristics

Temperature Tolenrance VS. Temp.

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