



Note: This datasheet may be out of date. Please download the latest datasheet of NXRS15XV103FA3A016 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NXRS15XV103FA3A016

# NXRS15XV103FA3A016











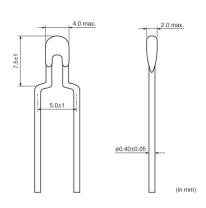
### **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Automotive powertrain/safety 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**

Di-t (05°C)	401.0	
Resistance (25°C)	10kΩ	
Resistance Value Tolerance	±1%	
(at 25°C)		
B-Constant (25/50°C)	3936K	
B-Constant (25/50°C)	±1%	
Tolerance	1170	
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	0.12mA	
(25°C)		
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	.0 0 10 120 0	
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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Product Search Data Sheet

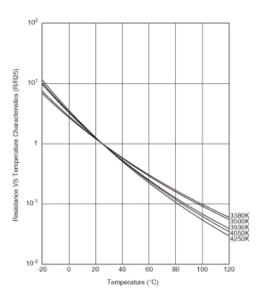
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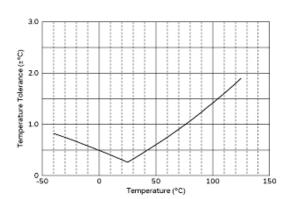
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### **Product Data**





Resistance-Temperature Characteristics

Temperature Tolenrance VS. Temp.

3 of 3

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