

Note: This datasheet may be out of date. Please download the latest datasheet of NXRS15XM202EA3A016 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NXRS15XM202EA3A016

NXRS15XM202EA3A016











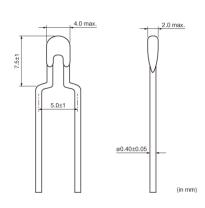
Applications

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

- 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





Product Search Data Sheet

Note: This datasheet may be out of date. $Please\ download\ the\ latest\ data sheet\ of\ NXRS15XM202EA3A016\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NXRS15XM202EA3A016

NXRS15XM202EA3A016



Specifications

Resistance (25°C)	2kΩ	
Resistance Value Tolerance		
(at 25°C)	±3%	
B-Constant (25/50°C)	3500K	
B-Constant (25/50°C)	±1%	
Tolerance		
B-Constant(25/80°C)	3539K	
(Reference Value)		
B-Constant(25/85°C)	3545K	
(Reference Value)		
B-Constant(25/100°C) (Reference Value)	3560K	
Maximum Operating Current		
(25°C)	0.27mA	
	75 W	
Rated Electric Power (25°C)	7.5mW	
Typical Dissipation Constant	1.5mW/°C	
(25°C)	1.011107	
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

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.



Note: This datasheet may be out of date.

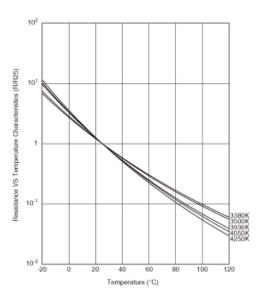
Please download the latest datasheet of NXRS15XM202EA3A016 from the official website of Murata Manufacturing Co., Ltd.

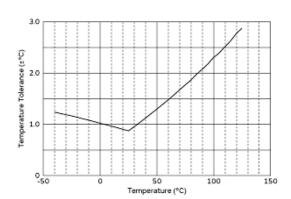
http://www.murata.com/en-gb/products/productdetail?partno=NXRS15XM202EA3A016

NXRS15XM202EA3A016



Product Data





Resistance-Temperature Characteristics

Temperature Tolenrance VS. Temp.

3 of 3

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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

