

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Note: This datasheet may be out of date.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-sg/products/productdetail?partno=NXRT15XV103FA3A016

NXRT15XV103FA3A016









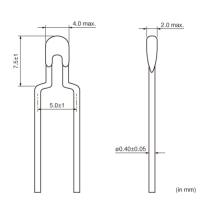
Applications

| 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)

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Specifications

| Resistance (25°C) | 10kΩ | |
|----------------------------------|----------------|--|
| , , | 10032 | |
| Resistance Value Tolerance | ±1% | |
| (at 25°C) | | |
| B-Constant (25/50°C) | 3936K | |
| B-Constant (25/50°C) | ±1% | |
| Tolerance | | |
| 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) | 0.12mA | |
| | | |
| Rated Electric Power (25°C) | 7.5mW | |
| Typical Dissipation Constant | 1.5mW/°C | |
| (25°C) | 1.511107 C | |
| Operating Temperature | -40℃ to 125℃ | |
| 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 | |

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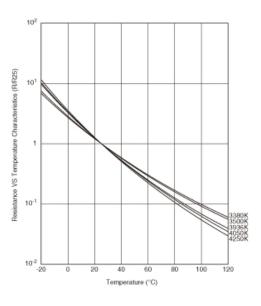
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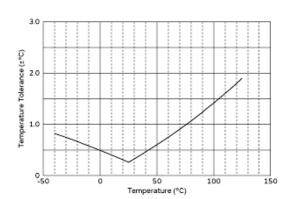
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Product Data





Resistance-Temperature Characteristics

Temperature Tolenrance VS. Temp.

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