

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NCP15XM221E03RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NCP15XM221E03RC

NCP15XM221E03RC











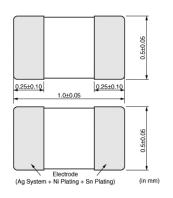
Applications

Unsuitable	Please be sure to read and comply with	
Applications	ications these "Precautions for use."	
	Consumer 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

Packag	ing	Specifications	Standard Packing Quantity
RC		180mm Paper Tape	10000



Features

- 1. Excellent solderability and high stability in environment
- 2. Excellent long time aging stability
- 3. High accuracy in resistance and B-Constant
- 4. Reflow soldering possible
- 5. Same B-constant in the same resistance in the three sizes (0805 size / 0603 size / 0402 size)

Easy to use smaller size in the circuits

- 6. Lead is not contained in the product.
- 7. UL/cULcertified product.(UL1434, File No. E137188)

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Specifications

Resistance (25°C)	220Ω
Resistance Value Tolerance (at 25°C)	±3%
B-Constant (25/50°C)	3500K
B-Constant (25/50°C) Tolerance	±3%
B-Constant(25/80°C) (Reference Value)	3539K
B-Constant(25/85°C) (Reference Value)	3545K
B-Constant(25/100°C) (Reference Value)	3560K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.674mA
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 125°C
Size Code (in mm)	1.0x0.5mm
Size Code (in inch)	0.4x0.2inch
Shape	SMD
Mass	0.0012g
MSL	1

- Glossary of NTC thermistors
- > Related documents (UL, RoHS, etc.)

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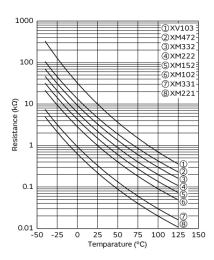
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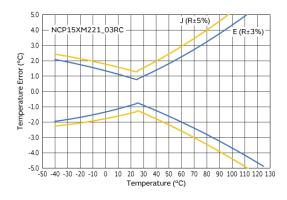
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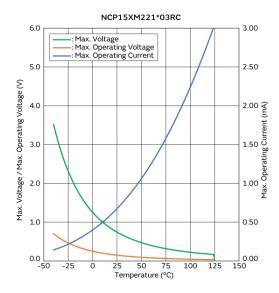


Product Data



Resistance-Temperature Characteristics





Max. Voltage, Max. Operating Voltage/Current **Reduction Curve**

Temperature Error Characteristics

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