

Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of NCP15WM474J03RC from the official website of Murata

NCP15WM474J03RC











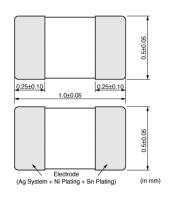
Applications

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

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





Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of NCP15WM474J03RC from the official website of Murata

NCP15WM474J03RC



Specifications

Resistance (25°C) 470kΩ Resistance Value Tolerance (at 25°C) ±5% B-Constant (25/50°C) 4500K B-Constant (25/50°C) ±3% Tolerance ±3% B-Constant(25/80°C) 4571K (Reference Value) 4582K B-Constant(25/85°C) 4614K (Reference Value) 5V Max. Voltage 5V Maximum Operating Current (25°C) 0.015mA 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		I	
±5% ±5% ±5% ±5%	Resistance (25°C)	470kΩ	
B-Constant (25/50°C) 4500K B-Constant (25/50°C) ±3% B-Constant(25/80°C) (Reference Value) 4571K B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) 5-Constant(25/100°C) (Reference Value) 4614K Max. Voltage 5V Maximum Operating Current (25°C) 1mW/°C Operating Temperature 40°C to 125°C Rize Code (in inch) 0.4x0.2inch Shape SMD Mass 0.0012g		±5%	
B-Constant (25/50°C) Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) 1.0x0.5mm Size Code (in inch) 0.012g	(at 25 C)		
Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Mass Mass 1571K 4571K 4571K 4582K 4614K 0.015mA 1mW/°C 1mW/°C 1mW/°C 40°C to 125°C SMD Mass	B-Constant (25/50°C)	4500K	
Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape Mass 0.0012g	B-Constant (25/50°C)	±3%	
Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape Mass 4582K 4614K 4614K 0.015mA 1mW/°C -40°C to 125°C SMD Mass 0.0012g	Tolerance		
Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Mass 0.0012g	B-Constant(25/80°C)	457414	
(Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) 1.0x0.5mm Size Code (in inch) Shape SMD Mass 0.0012g	(Reference Value)	45/1K	
(Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape SMD Mass 0.0012g	B-Constant(25/85°C)	4582K	
(Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape Mass 4614K 40°C 0.015mA 1mW/°C 40°C to 125°C 1.0x0.5mm 0.4x0.2inch SMD	(Reference Value)		
(Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) 1.0x0.5mm Size Code (in inch) 0.4x0.2inch Mass 0.0012g	B-Constant(25/100°C)	404414	
Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature A0°C to 125°C Size Code (in mm) Size Code (in inch) Shape Mass 0.015mA 1mW/°C -40°C to 125°C 0.4x0.5mm 0.4x0.2inch SMD	(Reference Value)	4614K	
(25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape Mass 0.015mA 1mW°C 1mW°C -40°C to 125°C 1.0x0.5mm 0.4x0.2inch SMD	Max. Voltage	5V	
(25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) Shape Mass Mass Mass 1mW/°C -40°C to 125°C	Maximum Operating Current	0.045	
(25°C) Operating Temperature Range Size Code (in mm) 1.0x0.5mm Size Code (in inch) 0.4x0.2inch Shape SMD Mass 0.0012g	(25°C)	U.U15MA	
(25°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	Typical Dissipation Constant	4 100/4/1905	
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	(25°C)	1mvv/ C	
Range 1.0x0.5mm Size Code (in inch) 0.4x0.2inch Shape SMD Mass 0.0012g	Operating Temperature	-40°C to 125°C	
Size Code (in inch) 0.4x0.2inch Shape SMD Mass 0.0012g	Range		
Shape SMD Mass 0.0012g	Size Code (in mm)	1.0x0.5mm	
Mass 0.0012g	Size Code (in inch)	0.4x0.2inch	
Mass 0.0012g	Oh	CMD	
	Snape	ZIVID	
MSL 1	Mass	0.0012g	
	MSL	1	

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

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.

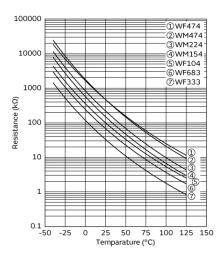


Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of NCP15WM474J03RC from the official website of Murata

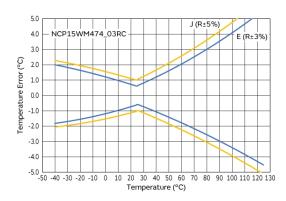
NCP15WM474J03RC

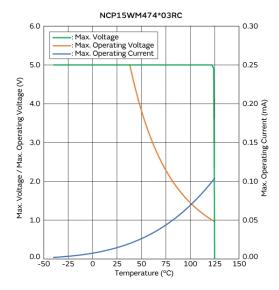


Product Data



Resistance-Temperature Characteristics





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

Temperature Error Characteristics

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 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

