NCP15WF104E03RC

In Production   Recommended   RoHS   REACH

Applications

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

0.25±0.10   0.25±0.10
1.0±0.05
0.5±0.05

0.5±0.05

Electrode
(Ag System + Ni Plating + Sn Plating)   (in mm)
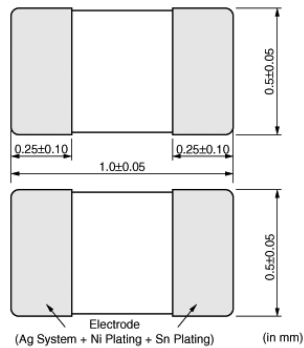
Packaging Information

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)

muRata
INNOVATOR IN ELECTRONICS

URL : https://www.murata.com/

Last updated05/04/2024

NCP15WF104E03RC

Specifications

Resistance (25℃)	100kΩ
Resistance Value Tolerance (at 25℃)	±3%
B-Constant (25/50℃)	4250K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃) (Reference Value)	4303K
B-Constant(25/85℃) (Reference Value)	4311K
B-Constant(25/100℃) (Reference Value)	4334K
Max. Voltage	5V
Maximum Operating Current (25℃)	0.031mA
Typical Dissipation Constant (25℃)	1mW/℃
Operating Temperature Range	-40℃ to 125℃
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.)

URL : https://www.murata.com/

Last updated05/04/2024

![Murata logo] **muRata** INNOVATOR IN ELECTRONICS   Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NCP15WF104E03RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=NCP15WF104E03RC
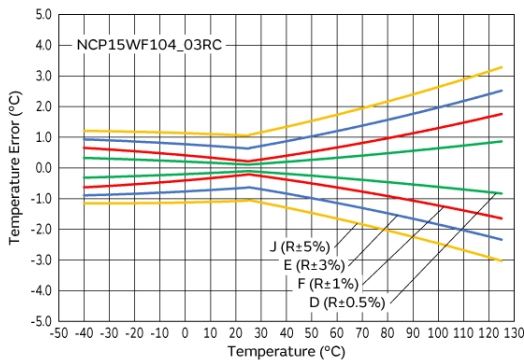
NCP15WF104E03RC

Product Data
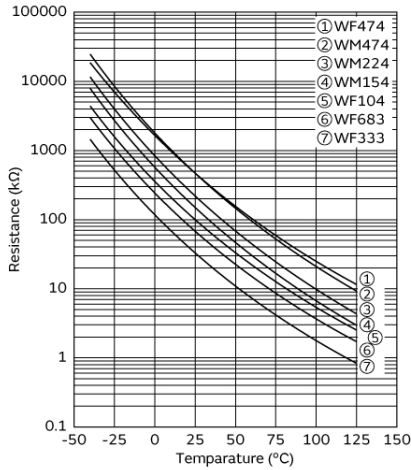
Resistance-Temperature Characteristics
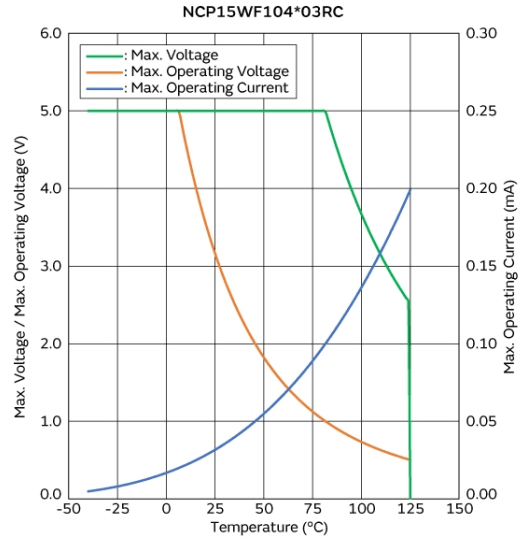
Max. Voltage, Max. Operating Voltage/Current Reduction Curve

Temperature Error Characteristics

muRata INNOVATOR IN ELECTRONICS   URL : https://www.murata.com/   Last updated05/04/2024