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 NCU03XH103F60RL from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=NCU03XH103F60RL

NCU03XH103F60RL

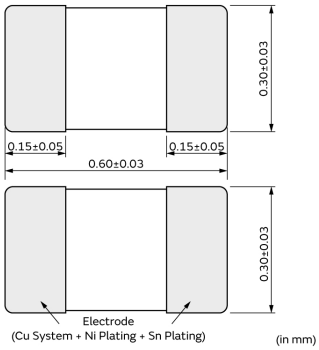
In Production | Recommended | New | RoHS | REACH

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B] 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
RL	180mm Paper Tape	15000

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 (0603 size / 0402 size)
   Easy to use smaller size in the circuits
6. Lead is not contained in the product.

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.

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 NCU03XH103F60RL from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=NCU03XH103F60RL

NCU03XH103F60RL

Specifications

Resistance (25℃)	10kΩ
Resistance Value Tolerance (at 25℃)	±1%
B-Constant (25/50℃)	3380K
B-Constant (25/50℃) Tolerance	±1%
B-Constant(25/80℃) (Reference Value)	3428K
B-Constant(25/85℃) (Reference Value)	3434K
B-Constant(25/100℃) (Reference Value)	3455K
Max. Voltage	5V
Maximum Operating Current (25℃)	0.1mA
Typical Dissipation Constant (25℃)	1mW/℃
Operating Temperature Range	-55℃ to 125℃
Size Code (in mm)	0.6x0.3mm
Size Code (in inch)	0.2x0.1inch
Shape	SMD
Mass	0.00026g
MSL	1

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

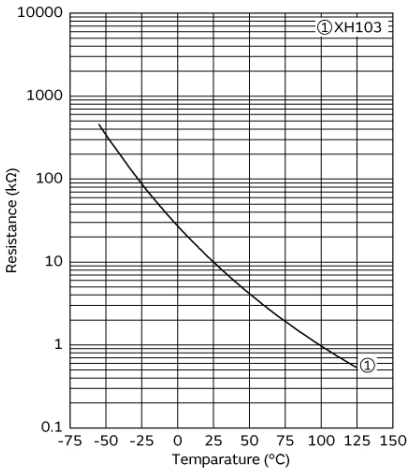
Attention
1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2.This datasheet 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.

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 NCU03XH103F60RL from the official website of Murata

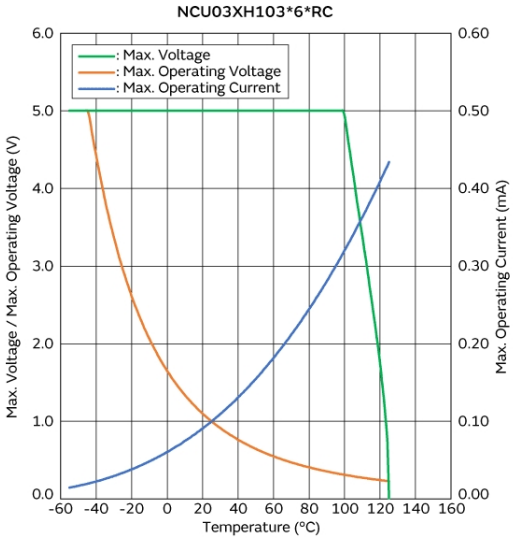
http://www.murata.com/en-gb/products/productdetail?partno=NCU03XH103F60RL

NCU03XH103F60RL

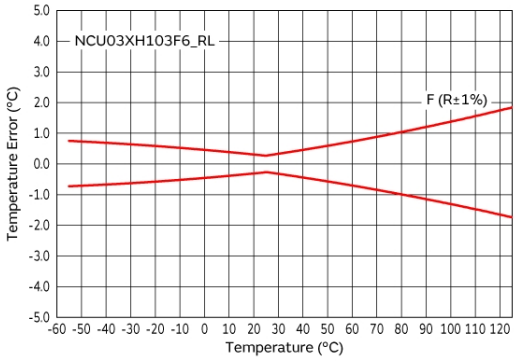
Product Data



Resistance-Temperature Characteristics



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



Temperature Error Characteristics

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.