

NCP02WF683F05RH

In Production

Recommended



Applications

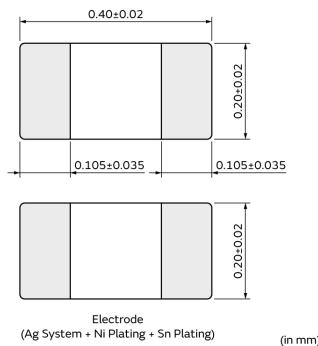
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Mobile Electronics Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

Packaging Information

Packaging	Specifications	Standard Packing Quantity
RH	180mm Paper Tape	20000

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. Lead is not contained in the product.
6. UL/cUL certified product.(UL1434, File No. E137188)



Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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Specifications

Resistance (25°C)	68kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4250K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	4303K
B-Constant(25/85°C) (Reference Value)	4311K
B-Constant(25/100°C) (Reference Value)	4334K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.038mA
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 125°C
Size Code (in mm)	0.4x0.2mm
Size Code (in inch)	0.1x0.05inch
Shape	SMD
Mass	0.00009g
MSL	1

➤ Glossary of NTC thermistors

➤ Related documents (UL, RoHS, etc.)

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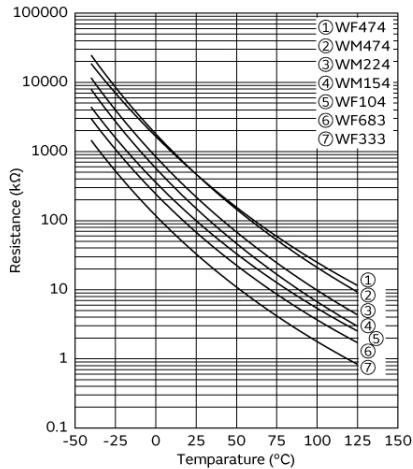
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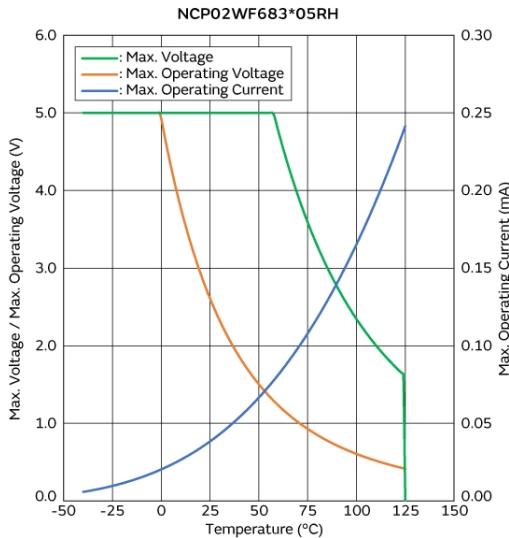
<http://www.murata.com/en-us/products/productdetail?partno=NCP02WF683F05RH>



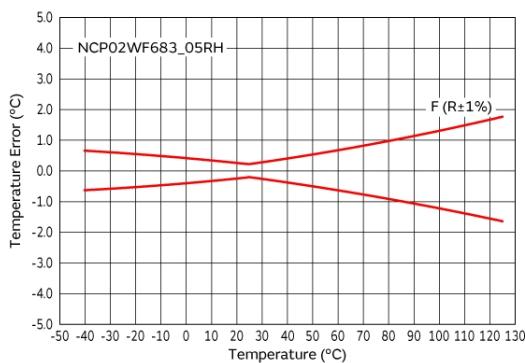
Product Data



Resistance-Temperature Characteristics



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



Temperature Error Characteristics

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