Note: This datasheet may be out of date.
Please download the latest datasheet of NCP03XH223J05RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NCP03XH223J05RL

NCP03XH223J05RL

In Production | Recommended | RoHS | REACH

Applications

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

Packaging Information

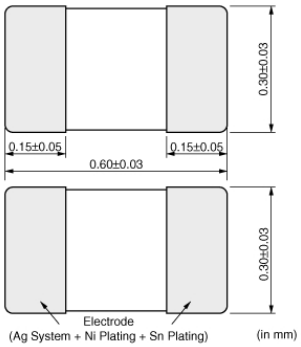
Packaging	Specifications	Standard Packing Quantity
RL	180mm Paper Tape	15000

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

Appearance & Shape





Attention
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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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NCP03XH223J05RL

Specifications

Resistance (25℃)	22kΩ
Resistance Value Tolerance (at 25℃)	±5%
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℃)	0.067mA
Typical Dissipation Constant (25℃)	1mW/℃
Operating Temperature Range	-40℃ 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.)

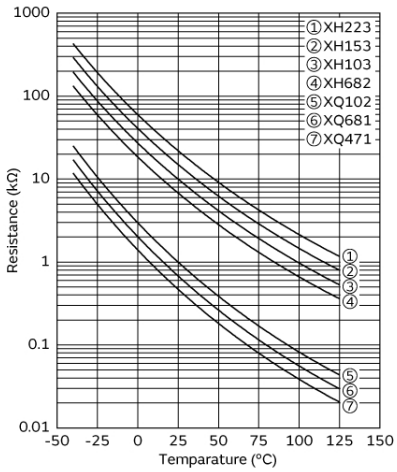
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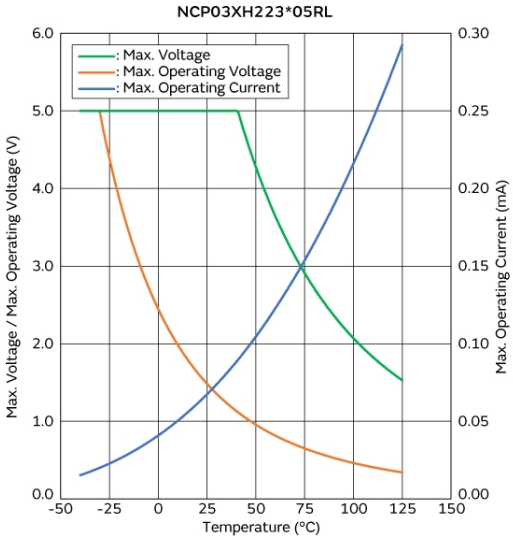
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NCP03XH223J05RL

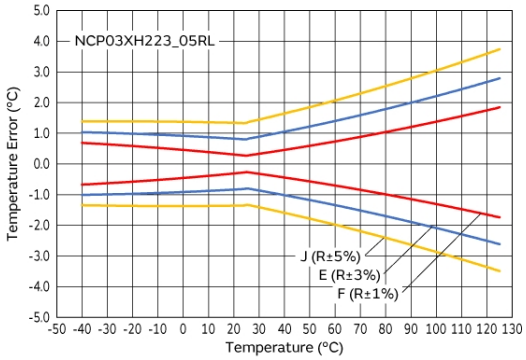
Product Data



Resistance-Temperature Characteristics



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



Temperature Error Characteristics

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