**muRata** | Product Search Data Sheet
INNOVATOR IN ELECTRONICS

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Please download the latest datasheet of NCP03XM332E05RL from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=NCP03XM332E05RL

# NCP03XM332E05RL

NRND  RoHS  REACH

## Applications

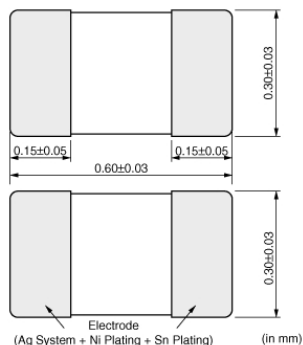| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
|---|---|
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B] Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

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

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# NCP03XM332E05RL

## Specifications

| | |
|---|---|
| Resistance (25℃) | 3.3kΩ |
| Resistance Value Tolerance (at 25℃) | ±3% |
| B-Constant (25/50℃) | 3500K |
| B-Constant (25/50℃) Tolerance | ±1% |
| B-Constant(25/80℃) (Reference Value) | 3539K |
| B-Constant(25/85℃) (Reference Value) | 3545K |
| B-Constant(25/100℃) (Reference Value) | 3560K |
| Max. Voltage | 5V |
| Maximum Operating Current (25℃) | 0.174mA |
| 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 |

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# NCP03XM332E05RL

## Product Data



Resistance-Temperature Characteristics



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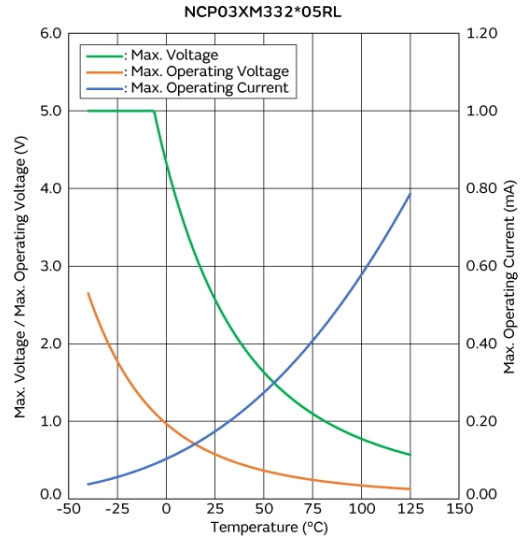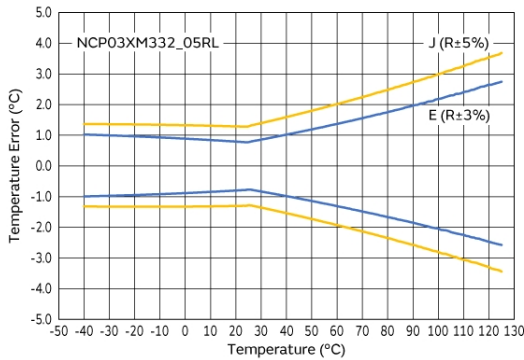


Temperature Error Characteristics

**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.

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