Note: This datasheet may be out of date.
Please download the latest datasheet of NCP03XM152J05RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NCP03XM152J05RL

# NCP03XM152J05RL

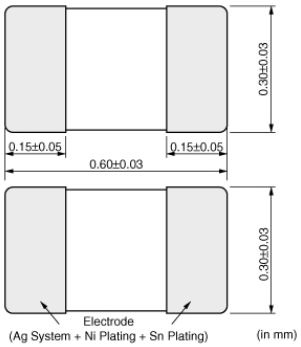
NRND RoHS REACH

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Medical equipment [GHTF A/B]<br>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)



**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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# NCP03XM152J05RL

## Specifications

| | |
|---|---|
| Resistance (25℃) | 1.5kΩ |
| Resistance Value Tolerance (at 25℃) | ±5% |
| 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℃) | 0.258mA |
| 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 |



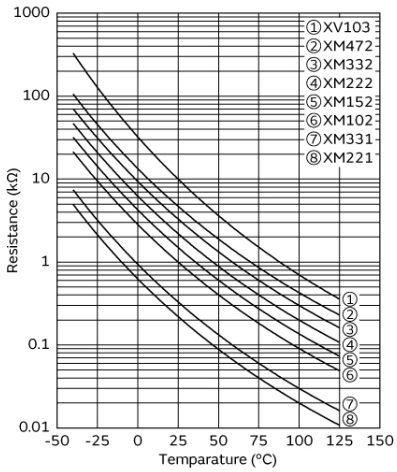
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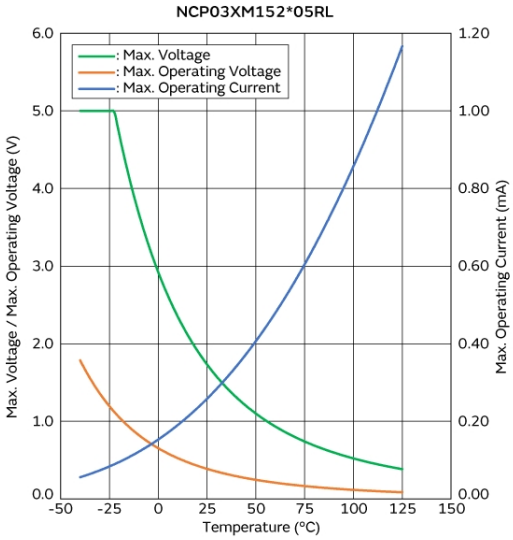
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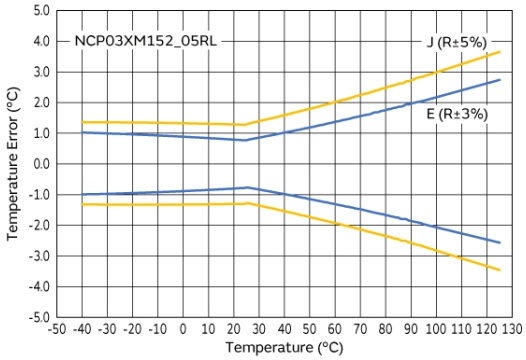
## Product Data




Resistance-Temperature Characteristics




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




Temperature Error Characteristics



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