

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NCP15XC330E03RC from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NCP15XC330E03RC

# NCP15XC330E03RC









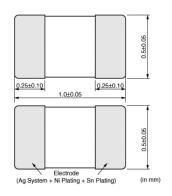
## **Applications**

| Unsuitable            | Please be sure to read and comply with     |
|-----------------------|--|
| Applications          | these "Precautions for use."               |
|                       | Consumer equipment                         |
|                       | Please refer to Our Website and            |
|                       | specifications, etc. for information about |
| Specific              | the performance, functions, quality,       |
| Specific Applications | 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<br>Packing<br>Quantity |
|-----------|------------------|---------------------------------|
| RC        | 180mm Paper Tape | 10000                           |



## **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 (0805 size / 0603 size / 0402 size)

Easy to use smaller size in the circuits

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

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# **Specifications**

| Resistance (25°C)            | 33Ω            |  |
|------------------------------|----------------|--|
| Resistance Value Tolerance   | ±3%            |  |
| (at 25°C)                    | 1370           |  |
| B-Constant (25/50°C)         | 3100K          |  |
| B-Constant (25/50°C)         | ±3%            |  |
| Tolerance                    | 1370           |  |
| B-Constant(25/80°C)          | 3126K          |  |
| (Reference Value)            |                |  |
| B-Constant(25/85°C)          | 3128K          |  |
| (Reference Value)            | 1              |  |
| B-Constant(25/100°C)         | 3136K          |  |
| (Reference Value)            |                |  |
| Max. Voltage                 | 5V             |  |
| Maximum Operating Current    | 1.741mA        |  |
| (25°C)                       | 1.7 + 1111/1   |  |
| Typical Dissipation Constant | 1mW/°C         |  |
| (25°C)                       |                |  |
| Operating Temperature        | -40°C to 125°C |  |
| Range                        |                |  |
| Size Code (in mm)            | 1.0x0.5mm      |  |
| Size Code (in inch)          | 0.4x0.2inch    |  |
| Shape                        | SMD            |  |
| Mass                         | 0.0012g        |  |
| MSL                          | 1              |  |

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