Product Search Data Sheet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current. Please download the latest datasheet of NCP15XF101J03RC from the official website of Murata

NCP15XF101J03RC









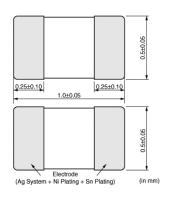
Applications

| 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 Applications | 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 |
|-----------|------------------|---------------------------------|
| 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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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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http://www.murata.com/en/products/productdetail?partno=NCP15XF101J03R

NCP15XF101J03RC



Specifications

| Resistance (25°C) | 100Ω |
|---|----------------|
| Resistance Value Tolerance (at 25°C) | ±5% |
| B-Constant (25/50°C) | 3250K |
| B-Constant (25/50°C) Tolerance | ±3% |
| B-Constant(25/80°C) (Reference Value) | 3282K |
| B-Constant(25/85°C) (Reference Value) | 3284K |
| B-Constant(25/100°C) (Reference Value) | 3296K |
| Max. Voltage | 5V |
| Maximum Operating Current (25°C) | 1mA |
| Typical Dissipation Constant (25°C) | 1mW/°C |
| Operating Temperature Range | -40°C to 125°C |
| 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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