

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 NCU15WM154J6SRC from the official website of Murata

NCU15WM154J6SRC



Recommended

New









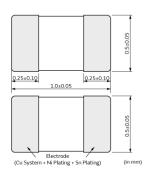
Applications

| Unsuitable | Please be sure to read and comply with |
|--------------|--|
| Applications | these "Precautions for use." |
| | Automotive powertrain/safety equipment |
| | Please refer to Our Website and |
| | specifications, etc. for information about |
| Specific | the performance, functions, quality, |
| Applications | management, and safety required for |
| Applications | 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 (0603 size / 0402 size)

Easy to use smaller size in the circuits

6. Lead is not contained in the product.

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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=NCU15WM154J6SR0

NCU15WM154J6SRC



Specifications

| | 1 |
|---|----------------|
| Resistance (25°C) | 150kΩ |
| Resistance Value Tolerance (at 25°C) | ±5% |
| B-Constant (25/50°C) | 4500K |
| B-Constant (25/50°C) Tolerance | ±3% |
| B-Constant(25/80°C) (Reference Value) | 4571K |
| B-Constant(25/85°C) (Reference Value) | 4582K |
| B-Constant(25/100°C) (Reference Value) | 4614K |
| Max. Voltage | 5V |
| Maximum Operating Current (25°C) | 0.026mA |
| Typical Dissipation Constant (25°C) | 1mW/°C |
| Operating Temperature Range | -55°C to 150°C |
| Size Code (in mm) | 1.0x0.5mm |
| Size Code (in inch) | 0.4x0.2inch |
| Shape | SMD |
| Mass | 0.0012g |
| MSL | 1 |

- Glossary of NTC thermistors
- > Related documents (UL, RoHS, etc.)

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NCU15WM154*6SRC

Temperature (°C)

: Max. Voltage : Max. Operating Voltage : Max. Operating Current

0.30

0.25

0.20 €

0.10 C Operating Current (r

0.10

0.05

100 120 140 160

Max. Voltage, Max. Operating Voltage/Current

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6.0

5.0

Max. Voltage / Max. Operating Voltage (V)

3.0

2.0

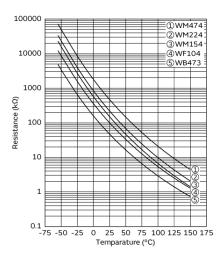
0.0 -60 -40 -20

Reduction Curve

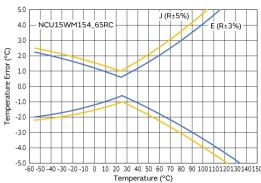
NCU15WM154J6SRC

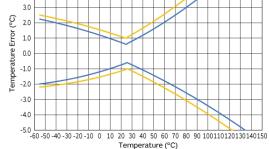


Product Data



Resistance-Temperature Characteristics





Temperature Error Characteristics

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