

### Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NTPA55R0LBMB0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=NTPA55R0LBMB0

# NTPA55R0LBMB0









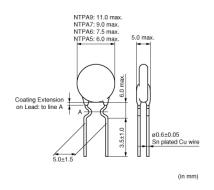
## **Applications**

| Unsuitable               | Please be sure to read and comply with     |  |
|--------------------------|--|--|
| Applications             | these "Precautions for use."               |  |
| Specific<br>Applications | Industrial Equipment                       |  |
|                          | 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<br>Packing<br>Quantity |
|-----------|----------------|---------------------------------|
| В0        | Bulk(Bag)      | 500                             |



### **Features**

- 1. Lead is not contained in the ceramic element, the terminations, the solder for inner connection and the coating resin.
- 2. Most suitable for power supplies of less than 100W
- 3. Excellent recovery characteristics due to resin coating with excellent heat characteristics

1 of 3

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# **Specifications**

| Resistance (25°C)            | 5Ω             |  |
|------------------------------|----------------|--|
| Resistance Value Tolerance   | .450/          |  |
| (at 25°C)                    | ±15%           |  |
| Permissible Max. Current     | 4.70           |  |
| (25°C)                       | 1.7A           |  |
| Permissible Max. Current     | 4.50           |  |
| (55°C)                       | 1.5A           |  |
| Thermal Time Constant        | 20s            |  |
| Typical Dissipation Constant | E C 121 N 19 C |  |
| (25°C)                       | 5.6mW/°C       |  |
| Permissible Electrolytic     | 346µF          |  |
| Capacitor                    | 340μΓ          |  |
| Measure Condition of         |                |  |
| Permissible Electrolytic     | at 100V        |  |
| Capacitor                    |                |  |
| Operating Temperature        | -20°C to 160°C |  |
| Range                        | -20 C to 160 C |  |
| Lead Shape                   | Lead Wire type |  |
| Shape                        | Lead           |  |
| Mass                         | 0.2g           |  |
| MSL                          | N              |  |

2 of 3

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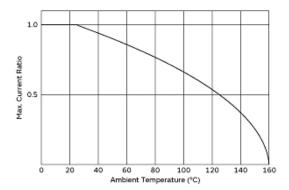
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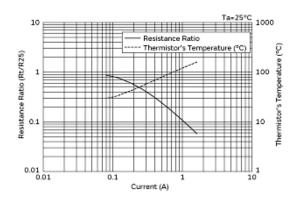
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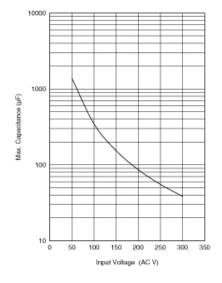


## **Product Data**





### Permissible Maximum Current Derating Curve



Permissible Electrolytic Capacitor

Current-R ratio(Rt/R25), Current-Temperature Characteristics

3 of 3

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