

Product Search Data Sheet

NTPA9100LB1A0

Note: This datasheet may be out of date. Please download the latest datasheet of NTPA9100LB1A0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NTPA9100LB1A0

Discontinued RoHS

REACH

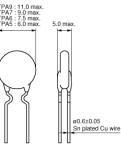
Applications

| Unsuitable | Please be sure to read and comply with |
|--------------------------|--|
| Applications | these "Precautions for use." |
| | Industrial 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





(in mm)

Packaging Information

| Packaging | | Standard Packing Quantity |
|-----------|-----------|---------------------------------|
| A0 | Ammo Pack | 1000 |



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



Attention

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without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

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Specifications

| Resistance (25°C) | 10Ω |
|---|----------------|
| Resistance Value Tolerance (at 25°C) | ±15% |
| Permissible Max. Current (25°C) | 1.7A |
| Permissible Max. Current (55°C) | 1.5A |
| Thermal Time Constant | 65s |
| Typical Dissipation Constant (25℃) | 11.6mW/°C |
| Permissible Electrolytic Capacitor | 800µF |
| Measure Condition of Permissible Electrolytic Capacitor | at 100V |
| Operating Temperature Range | -20°C to 160°C |
| Lead Shape | Lead Wire type |
| Shape | Lead |
| Mass | 1.0g |
| MSL | N |

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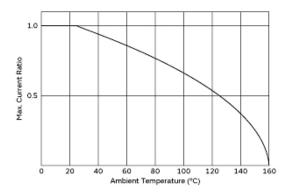
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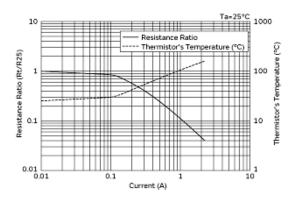
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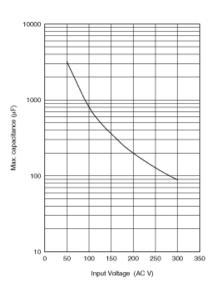
INNOVATOR IN ELECTRONIC





Permissible Maximum Current Derating Curve

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



Permissible Electrolytic Capacitor

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