



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

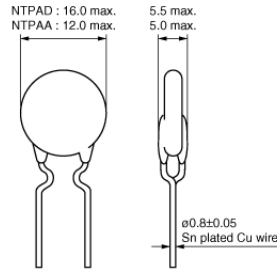
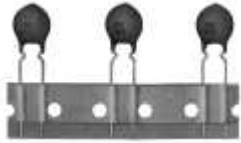
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# NTPAD5R1LD6A0

In Production NRND RoHS REACH

## Appearance & Shape



(in mm)

## 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

## Applications

|             |   |
|-------------|---|
| Other Usage | Switching power supplies, CRT monitors, Color televisions, VCR-Power supplies, Other power circuits |
|-------------|---|

## Packaging Information

| Packaging | Specifications | Minimum Order Quantity |
|-----------|----------------|------------------------|
| A0        | Ammo Pack      | 400                    |

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued 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. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

# NTPAD5R1LD6A0

## Specifications

|   |                |
|---|----------------|
| Resistance (25°C)                                       | 5.1Ω           |
| Resistance Value Tolerance (at 25°C)                    | ±15%           |
| Permissible Max. Current (25°C)                         | 3A             |
| Permissible Max. Current (55°C)                         | 2.6A           |
| Thermal Time Constant                                   | 85s            |
| Typical Dissipation Constant (25°C)                     | 18.8mW/°C      |
| Permissible Electrolytic Capacitor                      | 2700μF         |
| Measure Condition of Permissible Electrolytic Capacitor | at 100V        |
| Operating Temperature Range                             | -20°C to 160°C |
| Lead Shape  | Lead Wire type |
| Shape   | Lead           |
| Mass  | 2.38g          |

### Attention

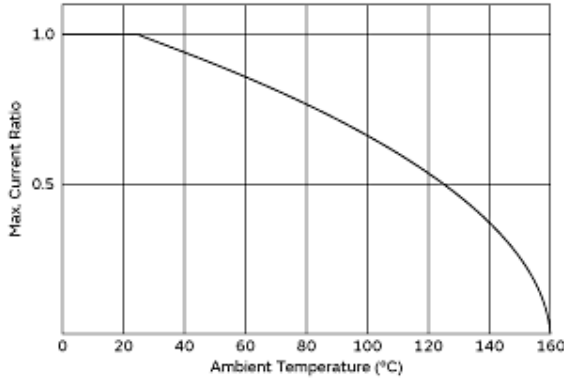
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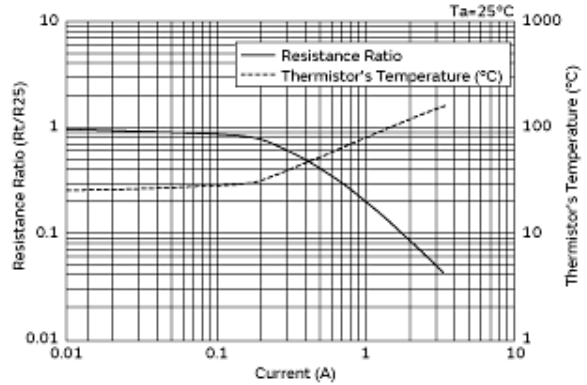
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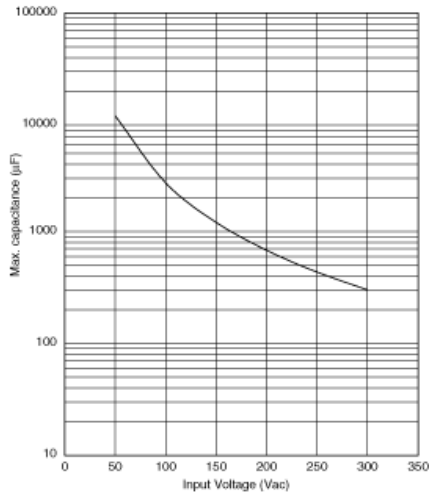
## Product Data



Permissible Maximum Current Derating Curve



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



Permissible Electrolytic Capacitor

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