

Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NTPAD5R1LDNB0 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=NTPAD5R1LDNB0

NTPAD5R1LDNB0









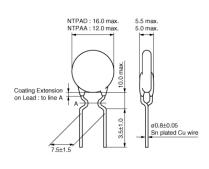
Applications

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	the performance, functions, quality,
Specific	management, and safety required for
Applications	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.



Appearance & Shape





(in mm)

Packaging Information

Packaging	Specifications	Standard Packing Quantity
В0	Bulk(Bag)	150



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

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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NTPAD5R1LDNB0



Specifications

Resistance (25°C)	5.1Ω	
Resistance Value Tolerance	.450/	
(at 25°C)	±15%	
Permissible Max. Current	0.4	
(25°C)	3A	
Permissible Max. Current	0.04	
(55°C)	2.6A	
Thermal Time Constant	85s	
Typical Dissipation Constant	40.0\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
(25°C)	18.8mW/°C	
Permissible Electrolytic	2700	
Capacitor	2700µF	
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	1.92g	
MSL	N	

2 of 3

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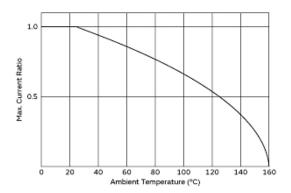
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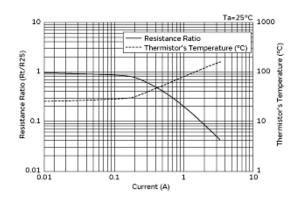
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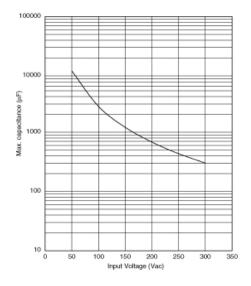


Product Data





Permissible Maximum Current Derating Curve



Permissible Electrolytic Capacitor

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

3 of 3

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