

## Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NCP03WF333E05RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NCP03WF333E05RL

# NCP03WF333E05RL











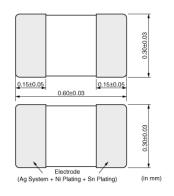
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Medical	
	equipment [GHTF A/B]	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	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 Packing Quantity
RL	180mm Paper Tape	15000



## **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. Lead is not contained in the product.
- 6. UL/cULcertified product.(UL1434, File No. E137188)

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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# **Specifications**

Resistance (25°C)	33kΩ	
Resistance Value Tolerance	±3%	
(at 25°C)	1370	
B-Constant (25/50°C)	4250K	
B-Constant (25/50°C)	±1%	
Tolerance	1170	
B-Constant(25/80°C)	4303K	
(Reference Value)		
B-Constant(25/85°C)	4311K	
(Reference Value)		
B-Constant(25/100°C)	4334K	
(Reference Value)	100	
Max. Voltage	5V	
Maximum Operating Current	0.055mA	
(25°C)	0.033IIIA	
Typical Dissipation Constant (25°C)	1mW/°C	
Operating Temperature	-40°C to 125°C	
Range	-40 C to 125 C	
Size Code (in mm)	0.6x0.3mm	
Size Code (in inch)	0.2x0.1inch	
Shape	SMD	
Mass	0.00026g	
MSL	1	

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

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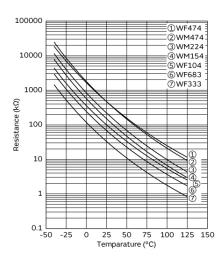
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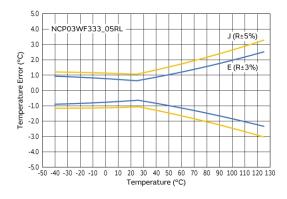
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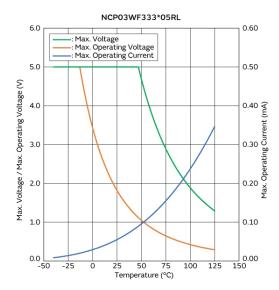


## **Product Data**



Resistance-Temperature Characteristics





Max. Voltage, Max. Operating Voltage/Current **Reduction Curve** 

Temperature Error Characteristics

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