

#### Product Search Data Sheet

Note: This datasheet may be out of date.

Please download the latest datasheet of NCP03WL683J05RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=NCP03WL683J05RL

## NCP03WL683J05RL











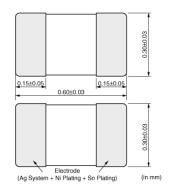
### **Applications**

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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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.





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## NCP03WL683J05RL



## **Specifications**

	I	
Resistance (25°C)	68kΩ	
Resistance Value Tolerance	±5%	
(at 25°C)		
B-Constant (25/50°C)	4485K	
B-Constant (25/50°C)	±1%	
Tolerance	1 1/0	
B-Constant(25/80°C)	4537K	
(Reference Value)	400710	
B-Constant(25/85°C)	4543K	
(Reference Value)		
B-Constant(25/100°C)	4557K	
(Reference Value)		
Max. Voltage	5V	
Maximum Operating Current	0.038mA	
(25°C)		
Typical Dissipation Constant	1mW/°C	
(25°C)		
Operating Temperature	-40°C to 125°C	
Range		
Size Code (in mm)	0.6x0.3mm	
Size Code (in inch)	0.2x0.1inch	
Shape	SMD	
Mass	0.00026g	
MSL	1	
	I .	

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

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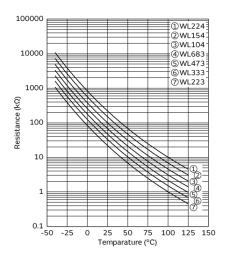
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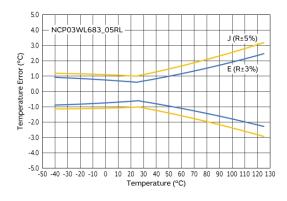
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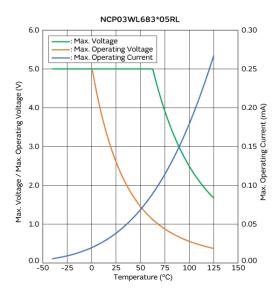


### **Product Data**



#### Resistance-Temperature Characteristics





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

Temperature Error Characteristics

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