

Product Search Data Sheet

Note: This datasheet may be out of date. Please download the latest datasheet of NCP03XM332E05RL from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=NCP03XM332E05RI

NCP03XM332E05RL









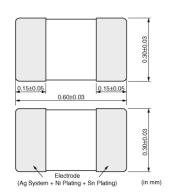
Applications

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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Specifications

Resistance (25°C) 3.3kΩ Resistance Value Tolerance (at 25°C) ±3% B-Constant (25/50°C) 3500K B-Constant (25/50°C) ±1% Tolerance B-Constant(25/80°C) Reference Value) 3539K B-Constant(25/85°C) 3545K Reference Value) 3560K B-Constant(25/100°C) 3560K Max. Voltage 5V Maximum Operating Current (25°C) 0.174mA Typical Dissipation Constant (25°C) 1mW/°C Operating Temperature Range -40°C to 125°C Size Code (in mm) 0.6x0.3mm Size Code (in inch) 0.2x0.1inch Shape SMD			
±3% ±3% ±3%	Resistance (25°C)	3.3kΩ	
(at 25°C) B-Constant (25/50°C) B-Constant (25/50°C) Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in inch) 3500K 2539K 3545K 3545K 3560K 3560K 1mW/°C -40°C to 125°C	Resistance Value Tolerance	±3%	
B-Constant (25/50°C) Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) 3560K Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in inch) \$\frac{\pmathbb{\text{2}}{\pmathbb{\text{2}}} \pmathbb{\text{2}}{\pmathbb{\text{2}}} \pmathbb{\text{2}}{\te	(at 25°C)		
Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) 3560K Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 0.5339K 3539K 3545K 3545K 3545K 3545K 3560K 40°C to 125°C 40°C to 125°C	B-Constant (25/50°C)	3500K	
Tolerance B-Constant(25/80°C) (Reference Value) B-Constant(25/85°C) (Reference Value) 3545K B-Constant(25/100°C) (Reference Value) 3560K Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in inch) 0.2x0.1inch	,	±1%	
(Reference Value) 3539K B-Constant(25/85°C) 3545K (Reference Value) 3560K B-Constant(25/100°C) 3560K (Reference Value) 5V Max. Voltage 5V Maximum Operating Current (25°C) 0.174mA Typical Dissipation Constant (25°C) 1mW/°C Operating Temperature Range -40°C to 125°C Size Code (in mm) 0.6x0.3mm Size Code (in inch) 0.2x0.1inch	Tolerance		
B-Constant(25/85°C) (Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in inch) 3545K 3545K 3545K 3560K 0.174mA 1mW/°C -40°C to 125°C	,	3539K	
(Reference Value) B-Constant(25/100°C) (Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 3545K 3545K 3560K 0.174mA 0.174mA -40°C to 125°C -40°C to 125°C	,		
B-Constant(25/100°C) (Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 3560K 0.174mA 0.174mA -40°C	,	3545K	
(Reference Value) Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 3560K 5V 0.174mA 0.174mA -40°C -40°C	,		
Max. Voltage 5V Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 5V 0.174mA 1mW/°C -40°C to 125°C 0.6x0.3mm	,	3560K	
Maximum Operating Current (25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 0.174mA 0.174mA 1mW/°C -40°C to 125°C	(Reference Value)		
(25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) 0.174mA 1mW/°C -40°C to 125°C 0.6x0.3mm	Max. Voltage	5V	
(25°C) Typical Dissipation Constant (25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) -40°C to 125°C -40°C to 125°C -40°C to 125°C	Maximum Operating Current	0.174mA	
(25°C) 1mW/°C Operating Temperature Range -40°C to 125°C Size Code (in mm) 0.6x0.3mm Size Code (in inch) 0.2x0.1inch	(25°C)		
(25°C) Operating Temperature Range Size Code (in mm) Size Code (in inch) O.2x0.1inch	Typical Dissipation Constant	1mW/°C	
Range -40°C to 125°C Size Code (in mm) 0.6x0.3mm Size Code (in inch) 0.2x0.1inch	,		
Size Code (in mm) 0.6x0.3mm 0.2x0.1inch		-40°C to 125°C	
Size Code (in inch) 0.2x0.1inch	Range		
()	Size Code (in mm)	0.6x0.3mm	
Shape SMD	Size Code (in inch)	0.2x0.1inch	
	Shape	SMD	
Mass 0.00026g	Mass	0.00026g	
MSL 1	MSL	1	

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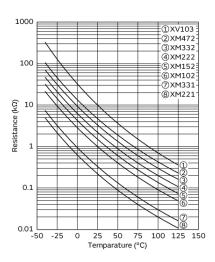
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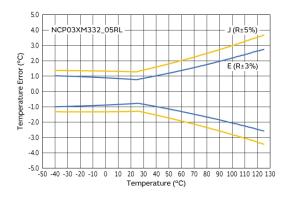
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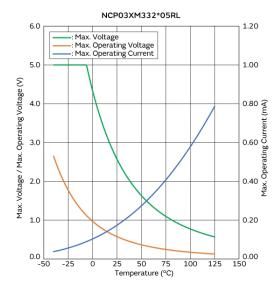


Product Data



Resistance-Temperature Characteristics





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

Temperature Error Characteristics

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