

NCP21XV103J03RA

● NRND

NCP21XV103J03RA



Applications

Unsuitable Applications	Please be sure to read and comply with these " Precautions for use ".
Specific Applications	<u>Consumer equipment</u> Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

Attention

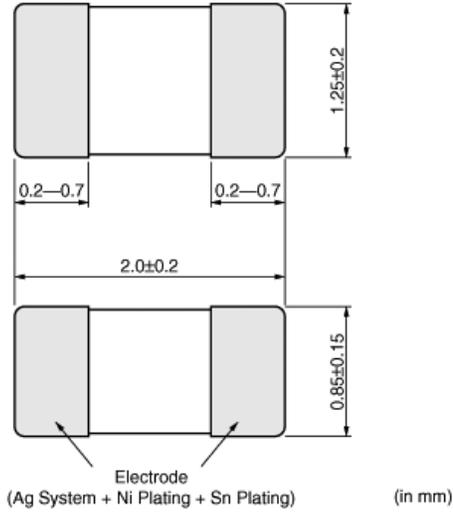
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This 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.

NCP21XV103J03RA

Appearance & Shape



LW Size (in inch)	0.8x0.5inch
-------------------	-------------

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 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.

NCP21XV103J03RA

Specifications

Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±5%
B-Constant (25/50°C)	3,900K
B-Constant (25/50°C) Tolerance	±3%
B-Constant(25/80°C)(Reference Value)	3,930K
B-Constant(25/85°C)(Reference Value)	3,934K
B-Constant(25/100°C)(Reference Value)	3,944K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.141mA
Typical Dissipation Constant (25°C)	2mW/°C
Operating Temperature	-40 ~ 125°C
Shape	SMD
MSL	1

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 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.

NCP21XV103J03RA

Features

1. Excellent solderability and high stability in environment
2. Excellent long time aging stability
3. High accuracy in resistance and B-constant
4. Flow / Reflow soldering possible
5. Same B-Constant in the same resistance in the three sizes (0805 size / 0603 size / 0402 size)
Easy to use smaller size in the circuits
6. Lead is not contained in the product.
7. UL/cULcertified product. (UL1434, File No. E137188)

References

Packaging	Specifications 	Standard Packing Quantity
RA	180mm Embossed Tape (Pitch width 4mm)	4000

Mass(Typ.)	
1 piece	0.0094g

Attention

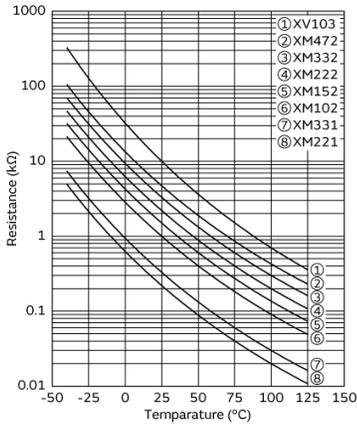
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

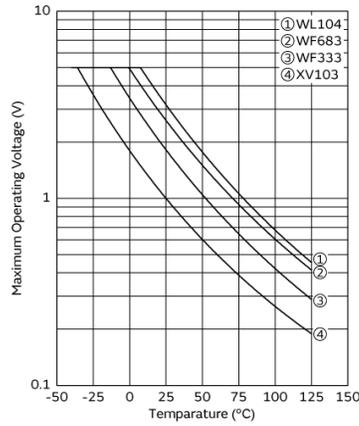
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

NCP21XV103J03RA

Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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 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.