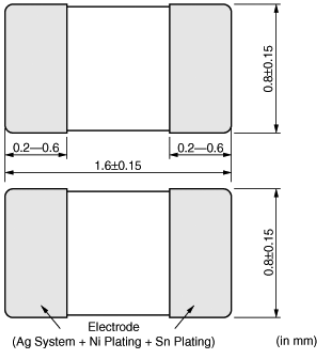


NCP18XW153J03RB

In Production Recommended RoHS REACH

Appearance & Shape



Packaging Information

Packaging	Specifications	Minimum Order Quantity
RB	180mm Paper Tape	4000

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. NCP series are recognized by UL/cUL (UL1434, File No.E137188).

Applications

Limited Usage	Consumer Grade
Other Usage	1. Temperature compensation for transistor, IC and crystal oscillator in mobile communications 2. Temperature sensor for rechargeable batteries 3. Temperature compensation of LCD 4. Temperature compensation in general use of electric circuits

NCP18XW153J03RB



Specifications

Resistance (25°C)	15kΩ
Resistance Value Tolerance (at 25°C)	±5%
B-Constant (25/50°C)	3950K
B-Constant (25/50°C) Tolerance	±3%
B-Constant(25/80°C)(Reference Value)	3982K
B-Constant(25/85°C)(Reference Value)	3987K
B-Constant(25/100°C)(Reference Value)	3998K
Max. Voltage	5V
Maximum Operating Current (25°C)	0.082mA
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 125°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.0047g

Attention

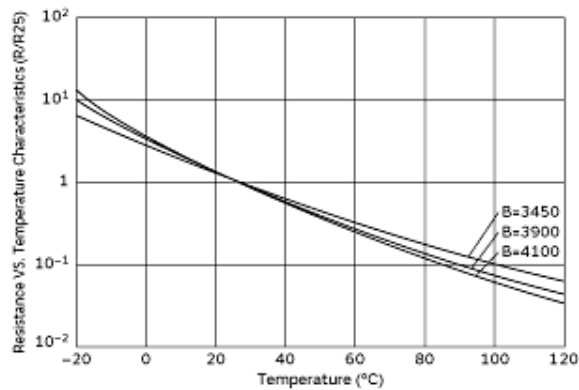
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2.This datasheet has only typical specifications because there is no space for detailed specifications.

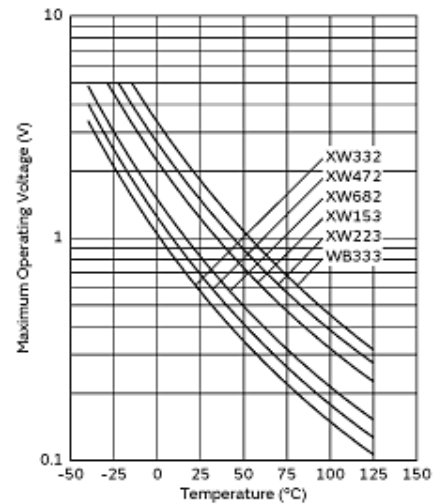
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NCP18XW153J03RB

Product Data



Resistance-Temperature Characteristics



Maximum Operating Voltage Reduction Characteristics

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