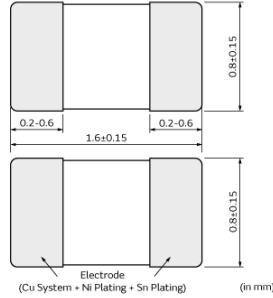
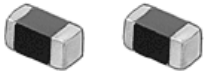


NCU18WF104F6SRB



Appearance & Shape

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

Applications

Automotive Usage	Powertrain/Safety
Limited Usage	Automotive Grade
Other Usage	<ol style="list-style-type: none"> 1. Various engine control units 2. ABS control unit 3. High power devices (IGBT) 4. Temperature compensation for various circuits required high temperature.

Packaging Information

Packaging	Specifications	Minimum Order Quantity
RB	180mm Paper Tape	4000

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

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Specifications

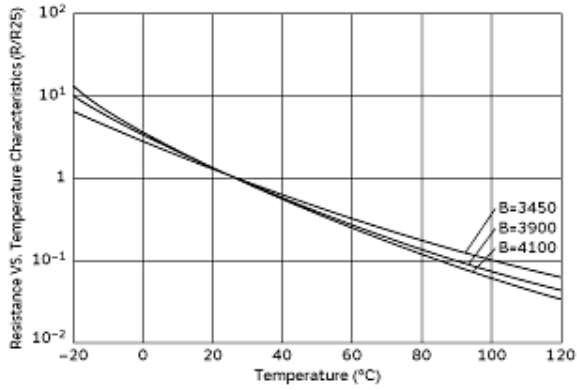
Resistance (25°C)	100kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	4250K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C)(Reference Value)	4303K
B-Constant(25/85°C)(Reference Value)	4311K
B-Constant(25/100°C)(Reference Value)	4334K
Permissible Operating Current (25°C)	0.1mA
Rated Electric Power (25°C)	100.0mW
Typical Dissipation Constant (25°C)	1mW/°C
Operating Temperature Range	-40°C to 150°C
Size Code (in mm)	1.6x0.8mm
Size Code (in inch)	0.6x0.3inch
Shape	SMD
Mass	0.0047g

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Product Data



Resistance-Temperature Characteristics

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