



Chip NTC Thermistor / NTCG Series

Temperature protection device

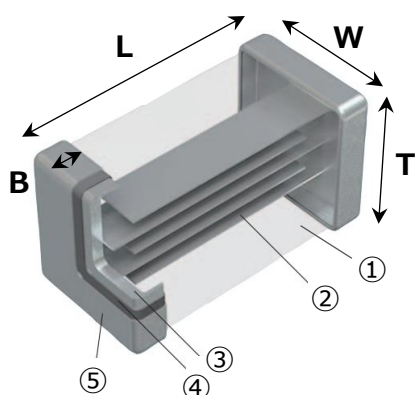
JIS2012 [EIA 0805]

[NTCG203NH103JT1S](#)

- ▶ Max. Temp. 150°C
- ▶ Automotive Grade
- ▶ Compliant with AEC-Q200



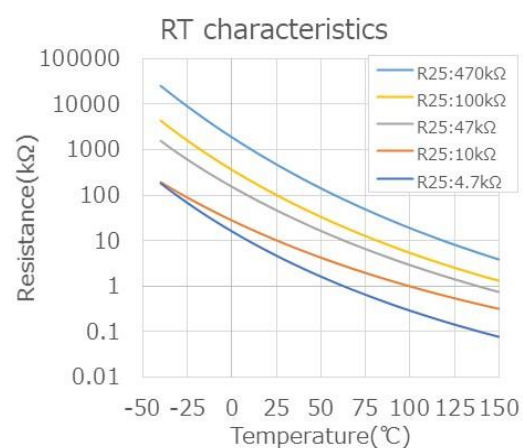
Dimension and Construction



Symbol	Dimension
L	2.0±0.2mm
W	1.25±0.2mm
T	0.7±0.2mm
B	0.2mm min.

No.	Name
①	Semiconductor ceramics
②	Internal electrode
③	Base electrode
④	Ni plating
⑤	Sn plating

Electrical Characteristics



Item		Specification
Resistance	[at 25°C]	10kΩ±5%
B value	[at 25/50°C]	3590K typ.
	[at 25/85°C]	3650K±3%
Max. Rated power	[at 25°C]	250mW
Thermal Dissipation Constant	[at 25°C]	2mW/°C
Permissible Operating Current	[at 25°C]	0.44mA
Max. Voltage		5V
Operating Temperature		-40°C~150°C
1degC Step Data	[-40°C~150°C]	Link

Package



Item	Specification
Packing	Taping (Paper carrier)
Reel Dimension	φ180mm
Packing Quantity	2,000pcs/reel
Weight	0.0072g