

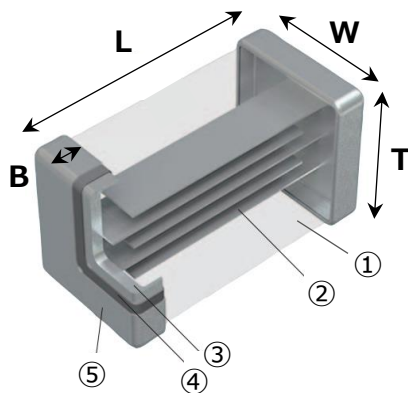
JIS1005 [EIA 0402]

[NTCGS103JX103DT8](#)

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



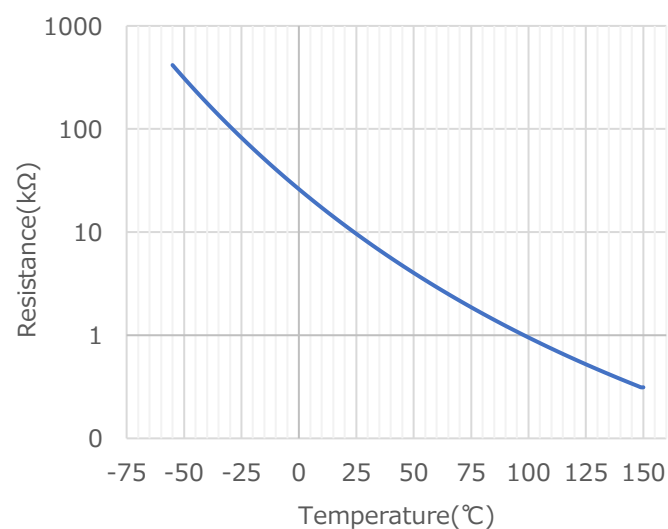
Dimension and Construction



Symbol	Dimension
L	1.0±0.05mm
W	0.5±0.05mm
T	0.5±0.05mm
B	0.1mm 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±0.5%
B value [at 25/50°C]	3380K typ.
[at 25/85°C]	3435K±0.7%
Max. Rated power [at 25°C]	125mW
Thermal Dissipation Constant [at 25°C]	1mW/°C
Permissible Operating Current [at 25°C]	0.31mA
Max. Voltage	5V
Operating Temperature	-55°C~150°C

Package



Item	Specification
Packing	Taping (Paper carrier)
Reel Dimension	φ180mm
Packing Quantity	10,000pcs/reel
Weight	0.0013g