Chip NTC Thermistor / NTCG Series

Temperature protection device

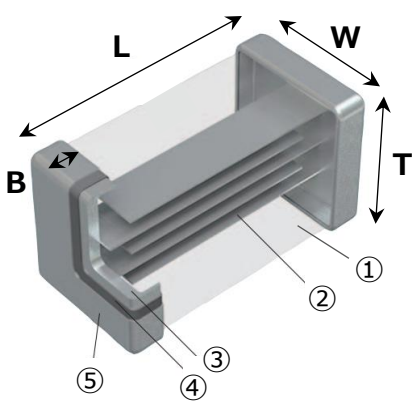
JIS1005 [EIA 0402]

NTCG103JF103HTDS

- ▶ UL certificate/E250289
- ▶ Max. Temp. 125℃
- ▶ Automotive Grade
- ▶ Compliant with AEC-Q200

RoHS REACH Halogen Free Lead Free

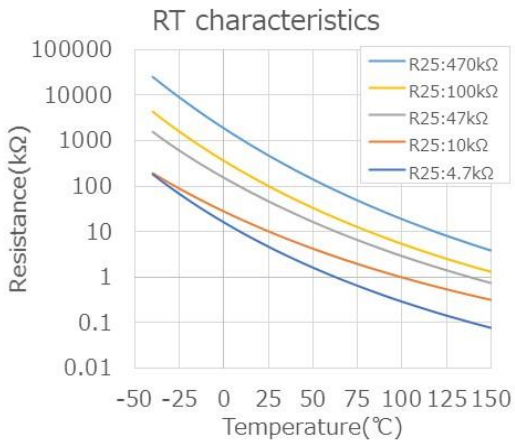
■ Dimension and Construction



Symbol	Dimension
L	1.0±0.05mm
W	0.5±0.05mm
T	0.5±0.05mm
B	0.1mm min.

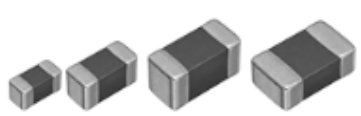
No.	Name
①	Semiconductor ceramics
②	Internal electrode
③	Base electrode
④	Ni plating
⑤	Sn plating

■ Electrical Characteristics



Item		Specification
Resistance	[at 25℃]	10kΩ±3%
B value	[at 25/50℃]	3380K typ.
	[at 25/85℃]	3435K±1%
Max. Rated power	[at 25℃]	100mW
Thermal Dissipation Constant	[at 25℃]	1mW/℃
Permissive Operating Current	[at 25℃]	0.31mA
Max. Voltage		5V
Operating Temperature		-40℃～125℃
1degC Step Data	[-40℃～125℃]	Link

■ Package



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

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