

Chip NTC Thermistors (Protection Device)

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NTCG163JX103DTDS



Applications Automotive Grade

125°C 125°C

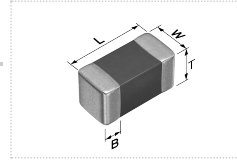
Features UL Certificate

AEC-Q200 AEC-Q200

Series NTCG

Status Production

Brand TDK



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Size

Length(L)	1.60mm ±0.10mm
Width(W)	0.80mm ±0.10mm
Thickness(T)	0.80mm ±0.10mm
Terminal Width(B)	0.20mm Min.
Recommended Land Pattern (PA)	0.70mm ±0.10mm
Recommended Land Pattern (PB)	0.70mm ±0.10mm
Recommended Land Pattern (PC)	0.70mm ±0.10mm

Electrical Characteristics

Resistance [at 25°C]	10kΩ
Resistance Tolerance	±0.5%
B value (Typ.) [25/50°C]	3380K
B value (Typ.) [25/85°C]	3435K
B value (Typ.) [25/100°C]	3453K
B value Tolerance	±0.7%
Max. Electric Power [at 25°C]	100mW
Permissible Operating Current [at 25°C]	310μA
Thermal Dissipation Constant [at 25°C]	1mW/°C 1mW/K

Other

Max. Operating Temperature	125°C
Soldering Method	Reflow
UL File No.	E250289
AEC-Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000pcs
Weight	0.005g

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