



DO-35 GLASS AXIAL NTC THERMISTORS

Glass Encapsulation

Ø 1.9mm Diameter

Axial 24 AWG Tin/Nickel Plated Copper Leads

RoHS Compliant

The DO-35 Series NTC Thermistor is hermetically sealed in a DO-35 diode style glass encapsulated package. The rugged package can be used in applications with a temperature range of -40°C to +250°C. The leads are suitable for welding or soldering. The axial leads make this device suitable for PC board mounting.

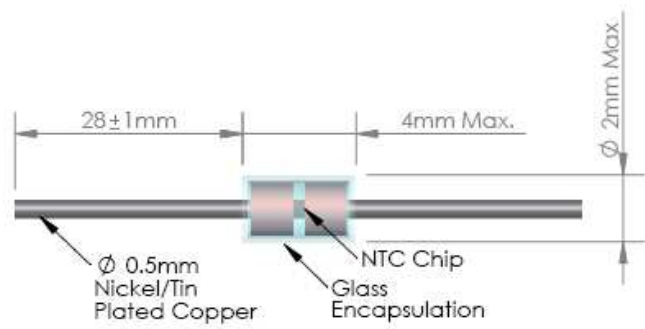
FEATURES

- 5K to 200K Ohms Resistance @ 25C
- Proven Stability and reliability
- Temperature range -40°C to +250°C

APPLICATIONS

- Consumer electronics
- PCB temperature sensing
- Air conditioning
- Low cost probe assemblies

MECHANICAL DETAILS



STABILITY

Reliability Tests	Standard	Test Condition	Delta R
Storage in Dry Heat	IEC 60068-2-2	Storage temperature: 200°C & 250°C Duration: 1000 hours	< 3%
Storage in Damp Heat	IEC 60068-2-3	Temperature of air is 40°C & RH 93% Duration: 56 days	< 2%
Rapid Temperature Cycling	IEC 60068-2-14	Lower Test Temperature -55°C Upper Test Temperature +200°C Number of Cycles 50	< 2%

ORDERING INFORMATION

Part Number	Resistance [Ω] @ +25°C	Tolerance @ +25°C	Beta Value 25/85	Beta Tolerance	Operating Temperature
GA5KF3550DPGS	5,000	± 1%	3550	± 2%	-40° to +200°C
GA10KF3270DPGN	10,000	± 1%	3270	± 2%	-40° to +250°C
GA10KF3435DPGS	10,000	± 1%	3435	± 2%	-40° to +200°C
GA10KF3550DPGN	10,000	± 1%	3550	± 2%	-40° to +250°C
GA10KF3700DPGN	10,000	± 1%	3700	± 2%	-40° to +250°C
GA10KF3950DPGN	10,000	± 1%	3950	± 2%	-40° to +250°C
GA10KF3960DPGN	10,000	± 1%	3960	± 2%	-40° to +250°C
GA10KF3975DPGS	10,000	± 1%	3975	± 2%	-40° to +200°C
GA20KF3960DPGN	20,000	± 1%	3960	± 2%	-40° to +250°C
GA50KF3950DPGN	50,000	± 1%	3950	± 2%	-40° to +250°C
GA50KF3960DPGN	50,000	± 1%	3960	± 2%	-40° to +250°C
GA100KF3975DPGN	100,000	± 1%	3975	± 2%	-40° to +250°C
GA100KF4300DPGN	100,000	± 1%	4300	± 2%	-40° to +250°C
GA200KF4000DPGN	200,000	± 1%	4000	± 2%	-40° to +250°C

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