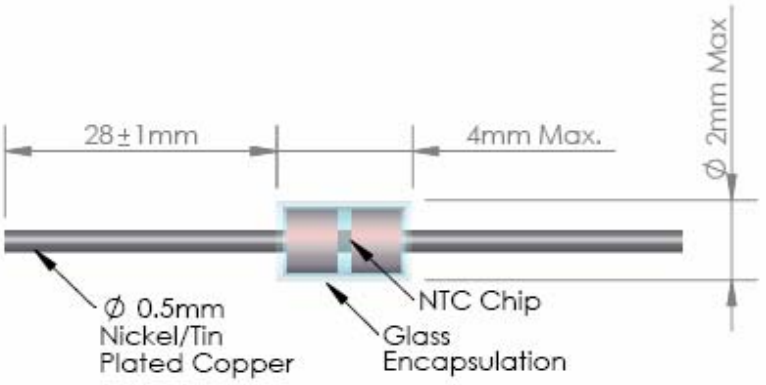
DO-35 Series Thermistor Components

5 to 200K Ohms Resistance @25ºC
Hermetically Sealed Package
Proven Stability and Reliability
Rated up to +250 ºC
PCB Mounting
Low Cost

DO-35 SERIES THERMISTORS

The NTC Chip is hermetically sealed in DO-35 diode style glass package.

Dimensions



FEATURES

- 5 to 200K Ohms Resistance @25ºC
- Proven Stability and Reliability
- Glass Encapsulation
- 24AWG Tin/Nickel Plated Copper Leads
- Temperature range -40ºC to +250ºC
- RoHS Compliant

APPLICATIONS

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

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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%

Product Definition

Part Number	Resistance [Ω] @ +25ºC	Tolerance @ +25ºC	Beta Value 25/85	Beta Tolerance	Operating Temperature
5KF3550DPGS	5,000	± 1%	3550	± 2%	-40º to +200ºC
10KF3270DPGN	10,000	± 1%	3270	± 2%	-40º to +250ºC
10KF3435DPGS	10,000	± 1%	3435	± 2%	-40º to +200ºC
10KF3550DPGN	10,000	± 1%	3550	± 2%	-40º to +250ºC
10KF3700DPGN	10,000	± 1%	3700	± 2%	-40º to +250ºC
10KF3950DPGN	10,000	± 1%	3950	± 2%	-40º to +250ºC
10KF3960DPGN	10,000	± 1%	3960	± 2%	-40º to +250ºC
10KF3975DPGS	10,000	± 1%	3975	± 2%	-40º to +200ºC
20KF3960DPGN	20,000	± 1%	3960	± 2%	-40º to +250ºC
50KF3950DPGN	50,000	± 1%	3950	± 2%	-40º to +250ºC
50KF3960DPGN	50,000	± 1%	3960	± 2%	-40º to +250ºC
100KF3975DPGN	100,000	± 1%	3975	± 2%	-40º to +250ºC
100KF4300DPGN	100,000	± 1%	4300	± 2%	-40º to +250ºC
200KF4000DPGN	200,000	± 1%	4000	± 2%	-40º to +250ºC

Ordering Information