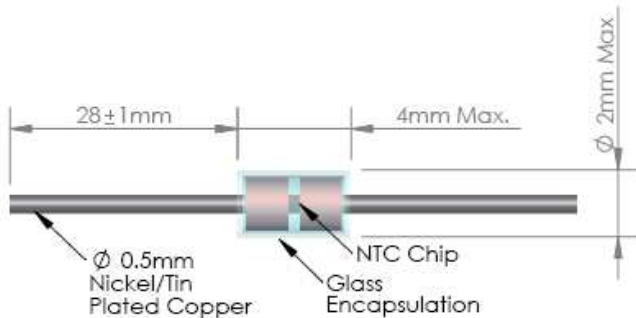




Dimensions



DO-35 SERIES THERMISTOR COMPONENTS

SPECIFICATIONS

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

DO-35 SERIES THERMISTORS

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

FEATURES

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

APPLICATIONS

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

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

MEAS Part Number	Resistance [Ω] @ +25°C	Tolerance @ +25°C	Beta Value 25/85	Beta Tolerance	Operating Temperature
5KF3550DPGS	5000	± 1%	3550	± 2%	-40° to +200°C
10KF3270DPGN	10000	± 1%	3270	± 2%	-40° to +250°C
10KF3435DPGS	10000	± 1%	3435	± 2%	-40° to +200°C
10KF3550DPGN	10000	± 1%	3550	± 2%	-40° to +250°C
10KF3700DPGN	10000	± 1%	3700	± 2%	-40° to +250°C
10KF3950DPGN	10000	± 1%	3950	± 2%	-40° to +250°C
10KF3960DPGN	10000	± 1%	3960	± 2%	-40° to +250°C
10KF3975DPGS	10000	± 1%	3975	± 2%	-40° to +200°C
20KF3960DPGN	20000	± 1%	3960	± 2%	-40° to +250°C
50KF3950DPGN	50000	± 1%	3950	± 2%	-40° to +250°C
50KF3960DPGN	50000	± 1%	3960	± 2%	-40° to +250°C
100KF3975DPGN	100000	± 1%	3975	± 2%	-40° to +250°C
100KF4300DPGN	100000	± 1%	4300	± 2%	-40° to +250°C
200KF4000DPGN	200000	± 1%	4000	± 2%	-40° to +250°C

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