



NTC Thermistors - Glass Diode

Overview

The Glass Diode Series features glass-packaged (diode outline) NTC Thermistors with a variety of lead forms. The glass body provides a hermetic seal, voltage insulation and excellent stability over a wide temperature range. They are designed for accurate temperature measurements in various applications, including automotive, telecom, industrial, pharmaceutical, food, chemical and white goods.

Features

- Designed for cost effective accurate temperature measurement
- Tight tolerance on resistance and B value
- Suitable for use over temperature range of -40°C up to +300°C
- Glass body provides hermetic seal, voltage insulation, and excellent stability
- Resistant to corrosive atmospheres and harsh environments
- RoHS and REACH Compliant

Applications

- Automotive: Temperature sensing for fluids, air, batteries and engine components
- Industrial: Temperature sensing for boilers, water heaters, HVAC, chemicals, food and batteries
- Home Appliances: Temperature sensing for appliances, such as rice cookers, ranges, ovens and coffee makers



Available Lead Forms

DO-35 STYLE GLASS PACKAGE (DIODE OUTLINE)

Type	A Min. (mm)	B Max. (mm)	C Max. (mm)	D Nominal (mm)
DK	1.06 (27)	0.17 (4.2)	0.08 (2.03)	0.02 (0.5)
GE	1.15 (29)	0.16 (4.0)	0.075 (1.9)	0.02 (0.5)
TH	1.02 (26)	0.17 (4.2)	0.08 (2.03)	0.02 (0.5)

DO-35 STYLE GLASS PACKAGE (SMD)

Type	A Min. (mm)	B Max. (mm)	C Max. (mm)	D Nominal (mm)
DKM	0.4 (9.5)	0.17 (4.2)	0.09 (2.2)	0.04 (1.0)

SOD-80 STYLE GLASS PACKAGE (SMD)

Type	A Min. (mm)	B Max. (mm)	C Max. (mm)
MELF	0.067 (1.7)	0.146 (3.71)	0.022 (0.56)