



NTC Thermistors – Glass Diode

The Glass Diode Series feature 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. 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 measurements
- Tight tolerance on resistance and B value
- Suitable for use over the temperature range of -40°C up to $+300^{\circ}\text{C}$
- 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 Minimum in (mm)	B Maximum in (mm)	C Maximum in (mm)	D Nominal in (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 Minimum in (mm)	B Maximum in (mm)	C Maximum in (mm)	D Minimum in (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 Maximum in (mm)	B Maximum in (mm)	C Maximum in (mm)
MELE	0.067 (1.7)	0.146 (3.71)	0.022 (0.56)