



Diode Thermistor

Overview

Amphenol Diode Series of Glass-Encapsulated NTC Thermistors consists of a range of NTC chip thermistors in DO-35 style glass package (diode outline) with axial solder-coated copper-clad steel wires. Glass body provides hermetic seal and voltage insulation and excellent stability. Designed for accurate temperature measurement, control and compensation in various applications, including automotive, telecom, HVAC and white goods. Also, for use in temperature sensing for household appliances, such as rice cookers, electronic ranges and ovens, and industrial products, such as pharmaceuticals, chemicals, and components.



Applications

- Automotive
- Telecom (Battery Packs)
- HVAC
- White Goods
- Appliances
(Rice Cookers, Electric Ranges, Ovens, etc.)
- Industrial Product Components
(Pharmaceuticals, Chemicals, Food, etc.)

Features

- DO-35 style glass package (diode outline) with axial solder-coated copper-clad steel wires
- Designed for accurate temperature measurement, control and compensation
- Tight tolerances on resistance and B value
- Operation up to 200°C with excellent stability
- Glass body provides hermetic seal and voltage insulation and excellent stability
- Designed for cost effective solid state sensor
- Resistant to corrosive atmospheres and harsh environments
- RoHS Compliance (Directive 2011/65/EU)

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