

- High Sensitivity
- Epoxy encapsulated
- Temperature range -40° C to 150° C
- RoHS compliant



Description

The thermistors of the **ENTC-EB-Series** have hermetically sealed epoxy beads. They offer stability and reliability and are specifically designed for sensing small changes in temperature for mid-range temperature applications. They are ideal for tight tolerance instrumentation in non-condensing moisture environments.

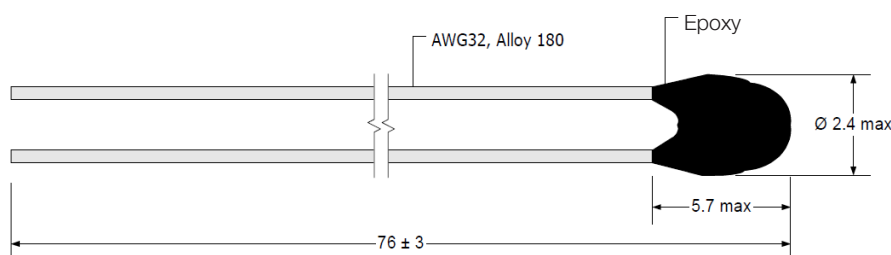
Applications

- High moisture applications
- Low to mid-range temperature applications
- Tight tolerance instrumentation
- Applications requiring outstanding stability and/or requiring sensing small changes in temperature
- Allows use in applications world wide

Specifications

Element:	NTC Thermistor
Wire material	Ø 76mm bare leads, 32 AWG solid Alloy 180
Resistance at +25°C	1k to 100k Ω
Dissipation factor (in air)	~ 2 mW/°C
Thermal time constant (in air)	~ 10 -15 sec
Operating temperature range	-40° C to +150° C

Dimensions in mm



Ordering Information

Order code	Resistance @ 25°C	Tolerance 0°C to 70°C	Beta Value 25/85	Beta Tolerance
ENTC-EB-1k3347-02	1000 Ohms	±0.2°C	3347	±0.5%
ENTC-EB-2.2k3977-02	2252 Ohms	±0.2°C	3977	±0.5%
ENTC-EB-5k3977-02	5.000 Ohms	±0.2°C	3977	±0.5%
ENTC-EB-10k3977-02	10.000 Ohms	±0.2°C	3977	±0.5%
ENTC-EB-30k4262-02	30.000 Ohms	±0.2°C	4262	±0.5%
ENTC-EB-50k4262-02	50.000 Ohms	±0.2°C	4262	±0.5%