



# NTC THERMISTORS: TYPE GE

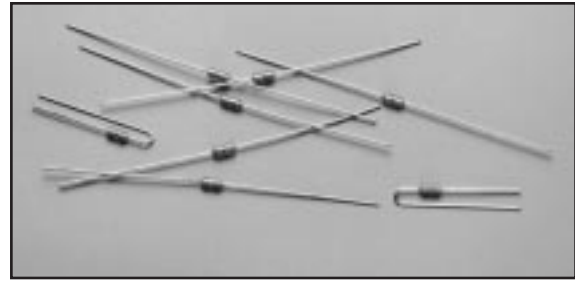
## GLASS ENCAPSULATED DO-35 PACKAGE

### DESCRIPTION:

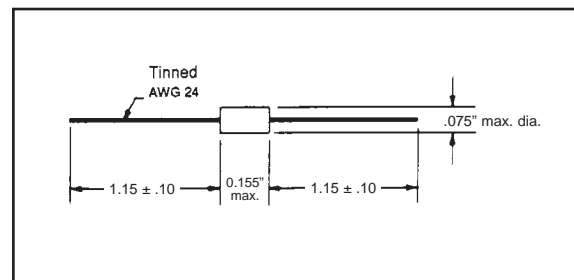
A range of thermistors in DO-35 style glass package (diode outline) with axial solder-coated copper-clad steel lead-wires.

### FEATURES:

- Designed for cost effective solid state sensor
- Lead-wires metallurgically bonded to thermistor element for improved reliability
- Wide operating temperature range
- Rugged glass body constructed with excellent stability
- Resistant to corrosive atmospheres and harsh environments
- Available on axial bandolier to IEC-286-1/EIA-468A



### DIMENSIONS:



Ro@25C (Ohms)	MATERIAL SYSTEM	Beta 25/85	TYPE NUMBER
250	GE5.5*	2983	AL03006-165.9-55-K
500	GE5.5*	2983	AL03006-331.8-55-K
1K	GE7.3	3499	AL03006-624-73-K
2K	GE7.3	3499	AL03006-1248-73-K
2786	GE10.1	4102	AL03006-1576-101-K
3K	GE7.6	3553	AL03006-1847-76-K
4K	GE7.6	3553	AL03006-2463-76-K
5K	GE7.6	3553	AL03006-3079-76-K

\* maximum operating temperature 150°C

Ro@25C (Ohms)	MATERIAL SYSTEM	Beta 25/85	TYPE NUMBER
10K	GE9.7A	3992	AL03006-5818-97-K
20K	GE9.8	3974	AL03006-11.7K-98-K
30K	GE9.8	3974	AL03006-17.53K-98-K
50K	GE9.7B	3952	AL03006-29.1K-97-K
100K	GE9.7B	3952	AL03006-58.2K-97-K
200K	GE12.3	4365	AL03006-111.3K-123-K
500K	GE13.8	4567	AL03006-269.8K-138-K
1M	GE14.5	4661	AL03006-535K-145-K
5M	GE16.4	4848	AL03006-2.6M-164-K

### OPTIONS:

- For reel taping "R" suffix
- Nickel leads for welding
- Other resistances in the range 250Ω to 5MΩ
- Other tolerances, tolerances at other temperatures
- Alternative leads lengths, lead materials
- Can be expanded to 300°C with nickel leads

### DATA:

**Standard resistance tolerance:** ...±10% @ 25°C

**Dissipation constant:** .....3.0mW/K

**Time constant:** .....7sec.

**Operating range:** .....-50°C to 204°C