

# THERMISTORS

## NTC Radial Lead Types

### Description

NTE compensation type NTC thermistors are small-sized radial lead ethoxyline resin-enveloped thermistors designed for high precision and fast response.

### Product Applications

- Home Appliances such as Air Conditioners, Refrigerators, Fans, Cookers, Washing Machines, Microwave Ovens, Radios, TVs, etc.
- Automotive Electronics
- Computers, Digital Meters

### Specifications

**Max. Power Rating (at 25°C):** 450mW

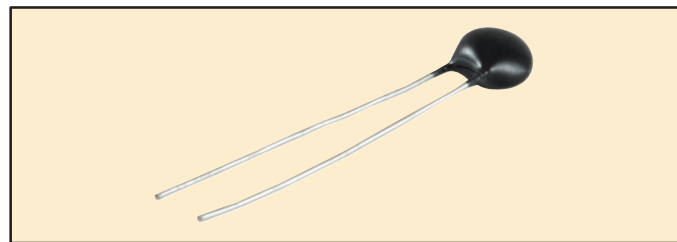
**Zero Power Resistance (at 25°C):**  $\pm 10\%$

**Dissipation Factor:**  $\geq 15\text{mW}/^\circ\text{C}$

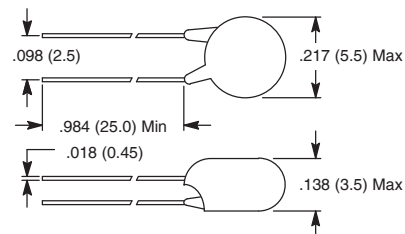
**Thermal Time Constant:**  $\leq 15$  sec

**Insulation Resistance:**  $\geq 100\text{M}\Omega$

**Operating Temperature Range:**  $-40^\circ$  to  $+125^\circ\text{C}$



**T-01**



| NTE Type No. | Resistance ( $R_{25}$ )      | B Constant ( $B_{25/50}$ ) | Diag No. |
|--------------|------------------------------|----------------------------|----------|
| 02-N101-1    | $100\Omega \pm 10\%$         | $3100\text{K} \pm 1\%$     | T-01     |
| 02-N201-1    | $200\Omega \pm 10\%$         | $3100\text{K} \pm 1\%$     | T-01     |
| 02-N102-1    | $1\text{K}\Omega \pm 10\%$   | $3800\text{K} \pm 1\%$     | T-01     |
| 02-N302-1    | $3\text{K}\Omega \pm 10\%$   | $3900\text{K} \pm 1\%$     | T-01     |
| 02-N502-1    | $5\text{K}\Omega \pm 10\%$   | $3900\text{K} \pm 1\%$     | T-01     |
| 02-N103-1    | $10\text{K}\Omega \pm 10\%$  | $3434\text{K} \pm 1\%$     | T-01     |
| 02-N103-2    | $10\text{K}\Omega \pm 10\%$  | $4100\text{K} \pm 1\%$     | T-01     |
| 02-N503-1    | $50\text{K}\Omega \pm 10\%$  | $4200\text{K} \pm 1\%$     | T-01     |
| 02-N104-1    | $100\text{K}\Omega \pm 10\%$ | $4400\text{K} \pm 1\%$     | T-01     |
| 02-N204-1    | $200\text{K}\Omega \pm 10\%$ | $4500\text{K} \pm 1\%$     | T-01     |