

# THERMISTORS

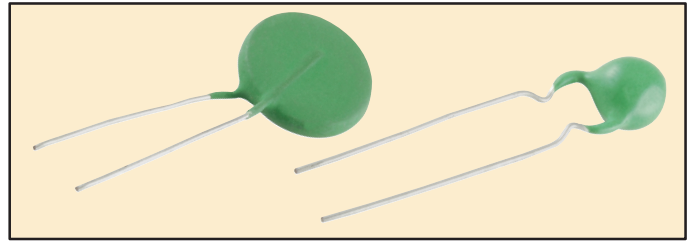
## PTC Radial Lead Types

### Description

NTE's PTC thermistors are small-sized radial lead organic silicon resin thermistors designed for overcurrent and overload protection.

### Product Applications

- Overload and Current Protection of Mini Voltage Transformer Primary Loops, Chargers, Safe Guard Unit and Thunder Surge Protection Circuit for Telecom Apparatus, and Industry-Controlling Exchangers
- Overcurrent Protection for Ammeters, Digital Multimeters, Micro-Electric Machinery, and Transistors



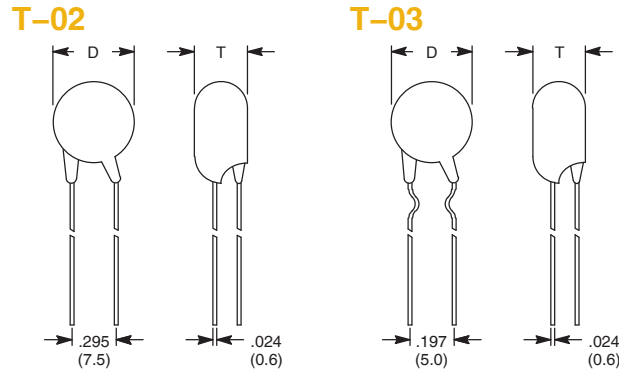
### Specifications

**Zero Power resistance (at 25°):** ± 20%

**Surge Voltage Withstanding:**  $V_{max} \times (1.2 \text{ to } 1.5)$

**Restore Time:** 60 sec max

**Operating Temperature Range:** -40° to +125°C



NTE Type No.	Max Operating Voltage $V_{max}$ (V)	Non-Trip Current $I_{nt}$ (mA)		Trip Current @ 25°C $I_t$ (mA)	Resistance @ 25°C ( $\Omega$ )	Max Current $I_{max}$ (A)	Switch Temp $T_C$ (°C)	Diag No.	Dimensions (in/mm)	
		@ 25°C	@ 60°C						D max	T max
02-P1R0-1	30	650mA	600mA	1500mA	1.0	4.0	120°C	T-03	.433 (11.0)	.157 (4.0)
02-P4R7-1	125	400mA	300mA	900mA	4.7	1.7	120°C	T-02	.707 (18.0)	.177 (4.5)
02-P220-1	125	135mA	110mA	340mA	22	0.8	120°C	T-03	.394 (10.0)	.177 (4.5)
02-P121-1	265	35mA	30mA	85mA	120	0.3	120°C	T-03	.236 (6.0)	.177 (4.5)
02-P331-1	265	25mA	20mA	75mA	330	0.2	120°C	T-03	.236 (6.0)	.177 (4.5)