

POWER THERMISTOR

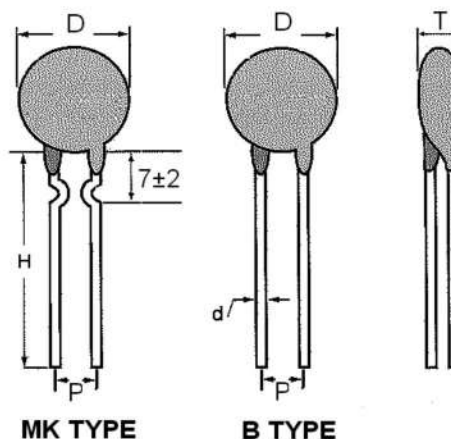
NTC (LEAD TYPE)

INTRODUCTION

NTC THERMISTOR is a rush current suppressor which exhibits a large decrease in resistance when AC/DC current starts flowing at loop. For a negative temperature coefficient, the devices provide prevention temperature compensation and temperature against high peak inrush current at turn-on, temperature compensation and temperature sensing, especially in power supplies where charging capacitors initially present extremely low impedance. Rush current suppressor can effectively limit surge currents for several seconds through an initial high resistance, therefore, critical components extend their life. The products are manufactured of a specially-formulated metal oxide ceramic material and coated with silicon for insulation.

FEATURES

- Special applications are available upon request.
- Special kink leads are available upon request.
- Special marking to customer's needs.
- Special coating material : 350°C Silicon.
- Tolerance available : $\pm 15\%$, $\pm 10\%$, $\pm 5\%$

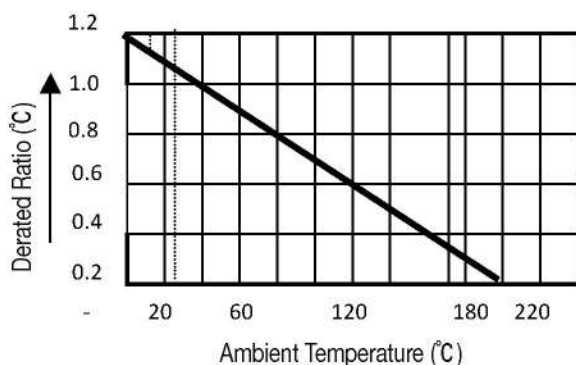


DIMENSIONS

Unit : mm

TYPE	DIMENSIONS	D MAX.	T MAX.	H MAX.	P \pm 1.0		d \pm 0.1
NTC05	5mm	6.5	5.0	30	3.5		0.8
NTC08	8mm	9.8	5.0	25	5.0	7.5	0.8
NTC10	10mm	11.8	5.0	25	5.0	7.5	0.8
NTC13	13mm	14.8	6.0	25	7.5		0.8
NTC15	15mm	17.0	6.0	25	7.5		1.0
NTC22	22mm	23.0	7.0	25	7.5		1.0
NTC30	30mm	33.0	7.0	25	7.5		1.0

DERATING CURVE



V-I CHARACTERISTIC CHART (Model A:15 Ω 50 Ω B:15 Ω 20 Ω
C: 13 Ω 5 Ω D:10 Ω 10 Ω)

