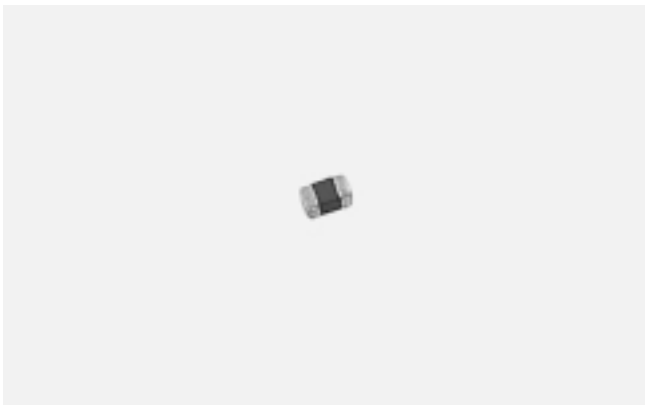


THERMISTOR PRODUCTS

PTC THERMISTOR CHIP TYPE FOR TEMPERATURE SENSING

PTH9C Series

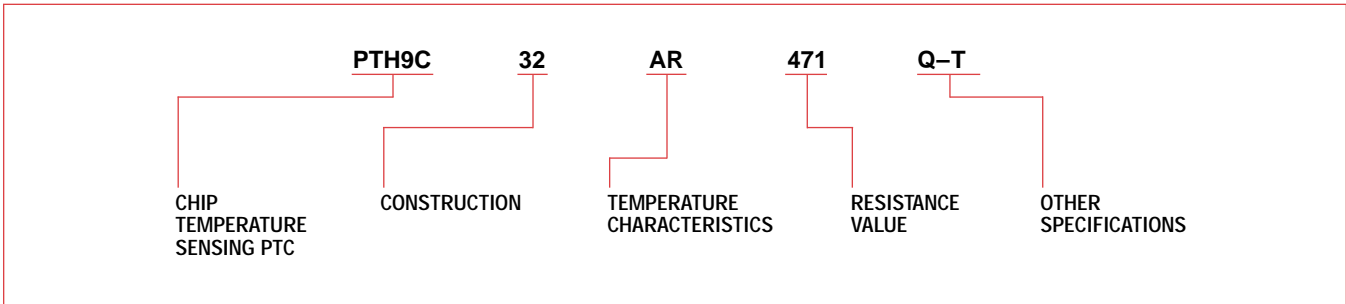


The PTH9C Series is used for temperature sensing. Typical applications include overheat protection of power transistors, power diodes and power IC's.

FEATURES

- Steep resistance characteristics near the temperature setting.
- Excellent thermal response
- Available in three temperature characteristics.

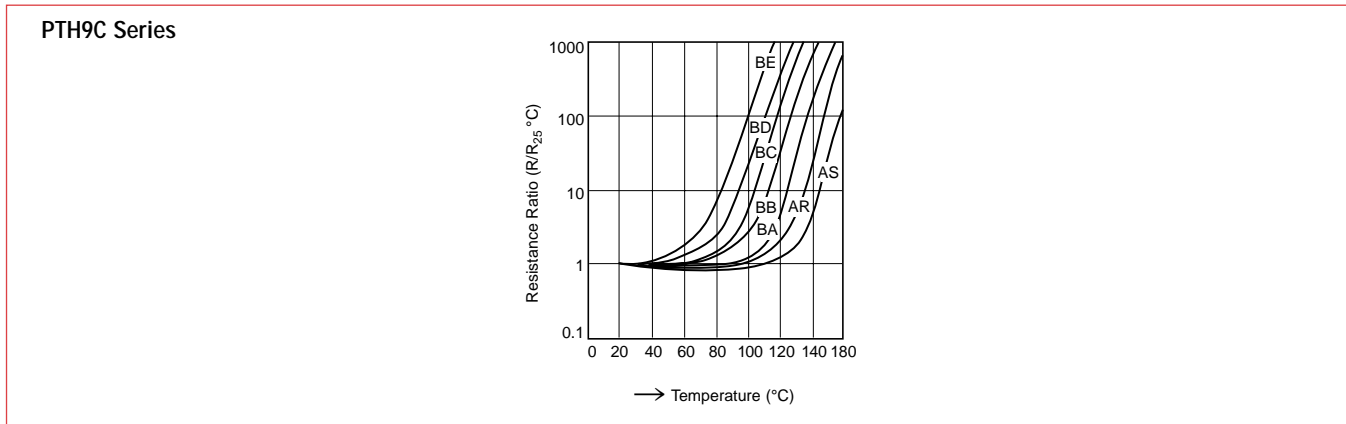
PART NUMBERING SYSTEM



RATINGS

Dimensions: mm	Part Number	Temp. Char. (C.P)	Resistance Value (Ohms) (at 25°C)	Sensing Temp. (at 4.7k Ohms)	Voltage max.	Current max.	Operating Temperature
	PTH9C32AS471Q-T	AS(130°C)	470 ± 50%	145 ± 5°C	16V	30mA	-20 ~ +160°C
	PTH9C32AR471Q-T	AR(120°C)		135 ± 5°C			-20 ~ +150°C
	PTH9C32BA471Q-T	BA(110°C)		125 ± 5°C			-20 ~ +140°C
	PTH9C32BB471Q-T	BB(100°C)		115 ± 5°C			-20 ~ +130°C
	PTH9C32BC471Q-T	BC(90°C)		105 ± 5°C			-20 ~ +120°C
	PTH9C32BD471Q-T	BD(80°C)		95 ± 5°C			-20 ~ +110°C
	PTH9C32BE471Q-T	BE(70°C)		85 ± 5°C			-20 ~ +100°C

RESISTANCE-TEMPERATURE CHARACTERISTICS



THERMISTOR PRODUCTS