

## Datasheet

# 100k $\Omega$ NTC Thermistor, 10s

RS Stock number [151-243](#)



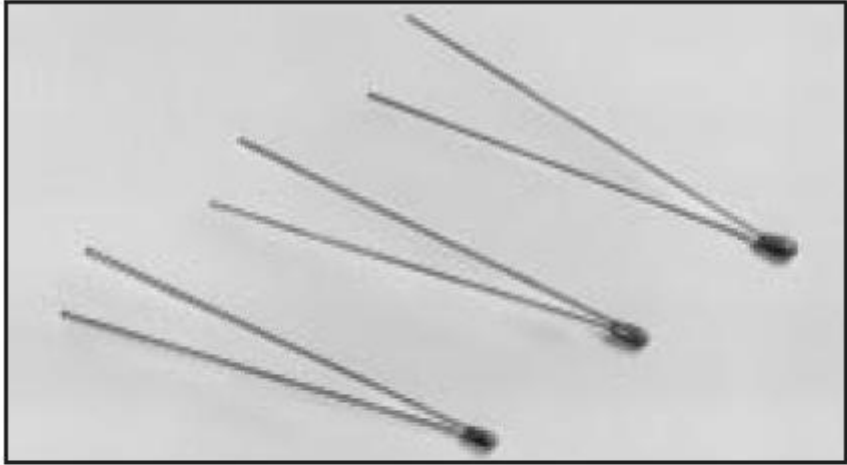
### Description:

Epoxy coated interchangeable chip thermistors with bare tinned 180 alloy lead-wires. The R-T curve (Resistance-Temperature) matched thermistors are small, high quality, epoxy encapsulated, precision devices. They offer true interchangeability over wide temperature ranges, this permits the circuit designer to standardise on circuitry, eliminating the need to individually adjust circuits and allowing the thermistors to be easily replaced without the need for re-calibration.

- Precision, solid state temperature sensor
- Interchangeability to  $\pm 0.1^{\circ}\text{C}$
- High sensitivity greater than  $-4\%/^{\circ}\text{C}$  at  $25^{\circ}\text{C}$
- Suitable for temperature measurement, control and compensation
- High reliability and stability over interchangeable range
- Resin coated for good mechanical strength and resistance to solvents
- 0.008" (0.2mm) dia. Bare tinned 180 alloy lead-wires

### Specifications:

Maximum Operating Temperature:	+150 $^{\circ}\text{C}$
Minimum Operating Temperature:	-80 $^{\circ}\text{C}$
Resistance @ 25 $^{\circ}\text{C}$ :	100k $\Omega$
Temperature Coefficient Type:	NTC
Thermal Time Constant:	10s
Tolerance:	$\pm 0.9\%$



**DIMENSIONS:**

