

Datasheet

RS Pro 100 Ω 100mW Thermistor

RS Stock No: **341-452**



Product Details

RS Pro thermistor includes a wire of an alloy of nickel copper, manganese and iron, wound around an epoxy former. This resistor withstands maximum power up to 100 mW. It exhibits a base zero resistance of 100 Ω and has a linear output with an average sensitivity of 3.85 $M\Omega/^{\circ}C$.

Features and Benefits

- Temperature range: -40 to 150 $^{\circ}C$
- Low cost design
- 100 mW rated

**Specifications:**

Application	Sensing
Temperature Coefficient Type	PTC
Depth	3.18 mm
Dimensions	9.14 x 3.18 x 3.18 mm
Height	3.18 mm
Length	9.14 mm
Maximum Operating Temperature	+150°C
Maximum Power Rating	100 mW
Minimum Operating Temperature	-40°C
Resistance @ 25 °C	100 Ω
Tolerance	±0.12%