

SSP2-RTD SERIES SURFACE MOUNT STICK-ON RTD

Fast Response Stick-On Surface RTD

FEATURES

- Thin Film PT100 RTD Element
- Kapton tape with self-adhesive backing for easy installation
- Made in the USA
- PFA Teflon™ wires with PFA Teflon™ over jacket
- Designed for research & development applications

SPECIFICATIONS

RTD element type: Thin film platinum, 100Ω at 0°C, $\alpha = 0.00385$

or
Thin film platinum, 1000Ω at 0°C, $\alpha = 0.00385$

Range: -50 to 500°F (-45 to 260°C)

Accuracy: Class A, $\pm(0.15 + 0.002 \times |T|)$ °C

Tape Material: Polyimide plastic with fiberglass mesh backing and Silicone adhesive

Tape dimensions: OD = 1.5" (38.1 mm) or 2.0" (50.8 mm), Thickness 0.011" (0.28 mm)

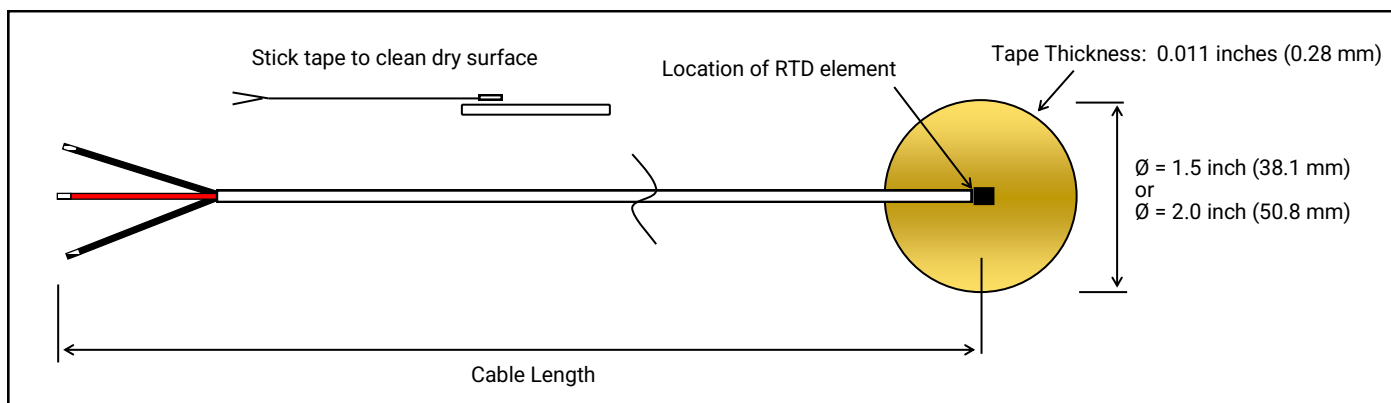
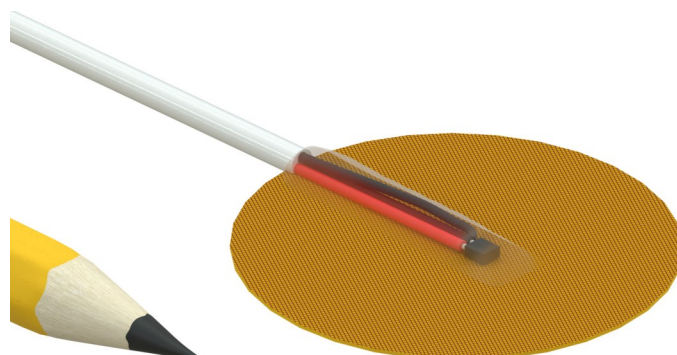
RTD Element dimensions: W = 0.09" x L = 0.08" (2.3 mm x 2.1 mm), Thickness 0.04" (0.9 mm)

Response Time*: 3 Seconds

***Time Constant:** Defined as the time required to reach 63.2% of an instantaneous temperature change
Five time constants are required to approach 100% of the step change value

Lead Wire: PFA Teflon™ insulated with PFA Teflon™ outer jacket, 26 AWG, stranded conductors

Wiring: 3-Wire



ORDERING INFORMATION

Model	RTD Element Type	Cable Length	Tape OD	Connector
SSP2-RTD	- □□□□□	- □□□	- □□	- □□
	PT100 Platinum 100Ω PT1K Platinum 1,000Ω	036 36 inches 072 72 inches 180 180 inches	15 1.5 Inches 20 2.0 Inches	N No connector MP Male mini-plug SP Standard plug

ORDERING EXAMPLE

SSP2-RTD-PT100-072-15-N: Stick On RTD, PT100 Element, 72 inch long cable, 1.5" tape OD, 3-wire, no connector

CUSTOM CONFIGURATIONS AVAILABLE

