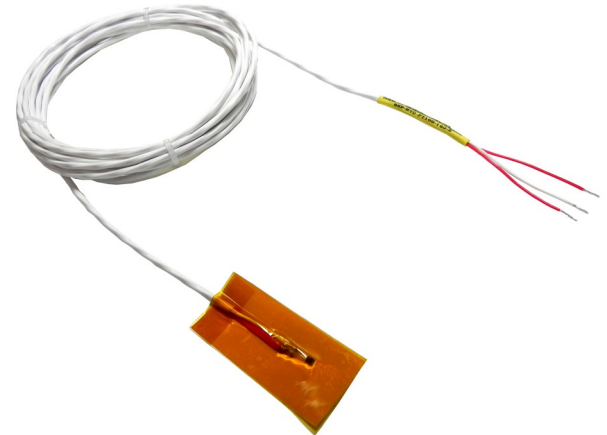


# Surface Mount Stick-On RTD

## Fast Response Stick-On Surface RTD

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



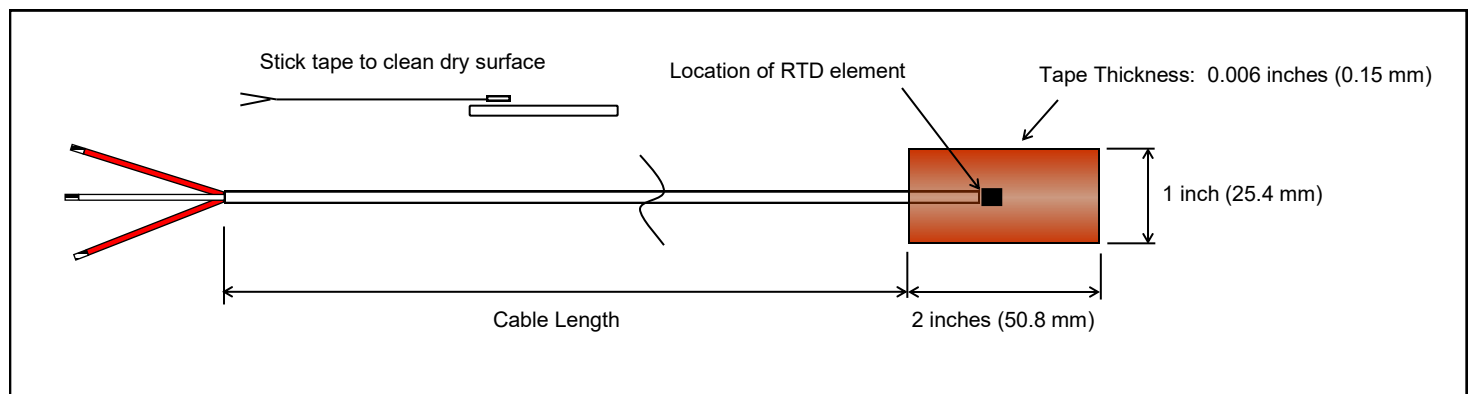
## Specifications

RTD element type: Thin film platinum, 100Ω at 0°C,  $\alpha = 0.00385$   
 Range: -50 to 500°F (-45 to 260°C)  
 Accuracy: Class A, +/- 0.15°C

Tape dimensions: W = 1.0" x L = 2.0" (25.4 mm x 50.8 mm), Thickness 0.006" (0.15 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: Teflon™ insulated with Teflon™ outer jacket, 24 AWG, stranded conductors  
 Wiring: 3-Wire



## Ordering Information

Model	RTD Element Type	Cable Length	Connector
<b>SSP-RTD</b>	□□□□□	-□□□	-□□
	<b>PT100</b> Platinum 100Ω	<b>036</b> 36 inches <b>072</b> 72 inches <b>180</b> 180 inches	<b>N</b> No connector <b>MP</b> Male mini-plug <b>SP</b> Standard plug

## Ordering Example

**SSP-RTD-PT100-180-N:** Stick On RTD, PT100 Element, 180 inch long cable, no connector

**CUSTOM CONFIGURATIONS AVAILABLE**

