TEMPERATURE SENSOR
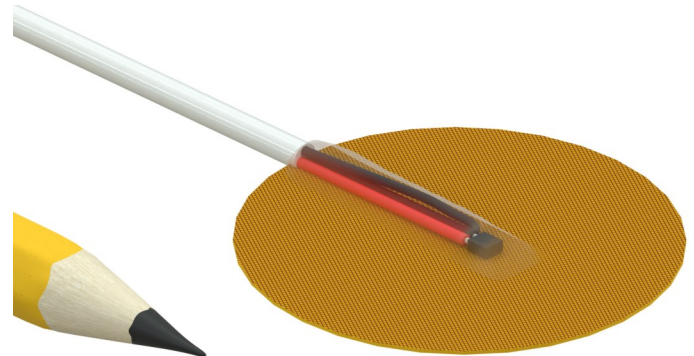
SSP2-RTD SERIES SURFACE MOUNT STICK-ON RTD

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

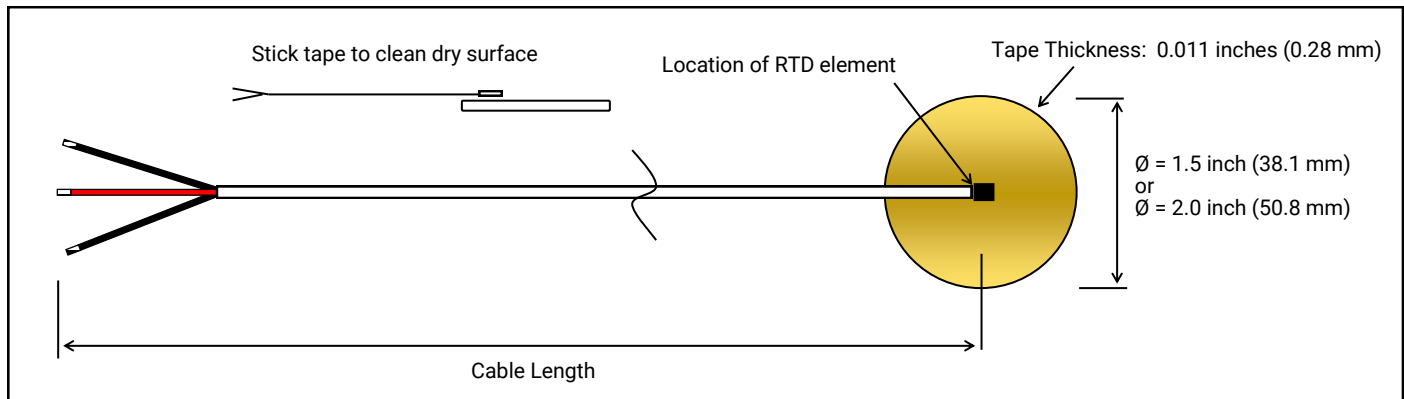|	
RTD element type:	Thin film platinum, 100Ω at 0°C, α =0.00385
	or
	Thin film platinum, 1000Ω at 0°C, α =0.00385
Range:	-50 to 500°F (-45 to 260°C)
Accuracy:	Class A, +/- 0.15°C
Tape Material:	Kapton Polyimide with fiberglass mesh backing
Tape dimensions:	OD = 1.5" (38.1 mm) or 2.0" (50.8 mm), Thickness 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	**036**	36 inches	**15**	1.5 Inches	**N**	No connector
	PT1K	Platinum 1,000Ω	**072**	72 inches	**20**	2.0 Inches	**MP**	Male mini-plug
			180	180 inches			**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

Made in USA

HGSI **HAROLD G. SCHAEVITZ INDUSTRIES** THE SENSOR CONNECTION

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