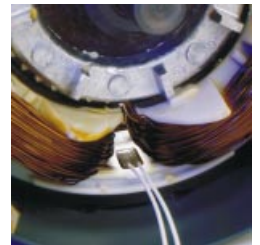
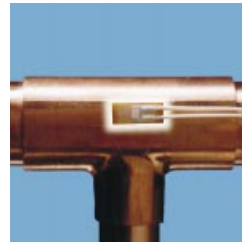


## Thermal-Tab™ Resistance Temperature Detector

### An affordable, go-anywhere RTD

- ◆ Flat, flexible sensor mounts on surfaces or in cavities
- ◆ 100 or 1000 Ω platinum element to IEC 751
- ◆ Accurate sensing to 130°C (266°F)
- ◆ Rugged, fully insulated package
- ◆ Only 5 x 12 mm (0.197 x 0.472")
- ◆ Optional self-stick adhesive backing



The Thermal-Tab RTD represents a major advance in the technology of temperature sensing. It features a highly accurate and stable platinum thin-film element mounted onto a flexible substrate, connected via Teflon-insulated leads, and sealed with an elastomeric coating. The result is a sensor with unprecedented economy and ease of use.

You can attach the Thermal-Tab to surfaces with cements, epoxies, tape, clamping hardware, or optional pressure-sensitive adhesive backing. Its flat profile ensures good thermal contact and response. Or you can slide the unit into tubes or holes. There's no need to handle delicate connecting wires.

Minco stocks the S665 Thermal-Tab in 100 or 1000 Ω resistance values with 40" (1 m) leads. Call our Sales Department for pricing and to order prototypes. See for yourself how the Thermal-Tab can simplify your sensing application.

### Specifications

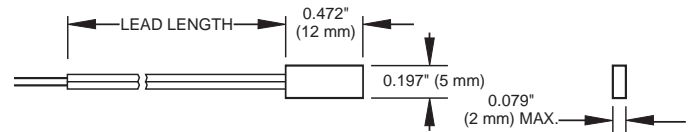
**Temperature range:** -50 to 130°C (-58 to 266°F).

**Element:** 100 or 1000 Ω platinum 385, ±0.12% at 0°C per IEC 751, Class B.

**Material:** Polyimide film with elastomer cover coat.

**Leadwires:** AWG 26, stranded, TFE insulated.

**Insulation resistance:** 10,000 megohms min. at 500 VDC, element to outer surfaces.



### How to order

S665	<b>Model number: S665</b>
PD	<b>Sensing element:</b> PD = 100 Ω platinum PF = 1000 Ω platinum
Y	<b>Number of leads:</b> Y = 2 leads Z = 3 leads
40	<b>Lead length in inches</b> 40" (1 m) is standard
A	<b>Adhesive backing:</b> A = No adhesive B = Pressure-sensitive adhesive
S665PDY40A ← Sample part number	

### Other standard or custom options

- ◆ NTC or PTC thermistors
- ◆ Higher temperature ratings
- ◆ Fluid immersible models
- ◆ Other resistance/temperature characteristics (e.g. platinum 375)



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