Thermo Electric designs and manufactures temperature measurement solutions that are guaranteed to give you sensitivity, fast response and consistent accuracy with greatest sensor to sensor uniformity. Thermo Electric is committed to deliver its innovative instrumented wafer solutions on time with a world class technical service.

PRODUCT TEMPERATURE RANGES
Low Temp –200 to 240°C

ACCURACY
+/- 0.5°C at 0°C

SPECIFICATIONS
Resistor
Thin Film Platinum

Resistance
1000 Ω nominal at 0°C

Sensor Leads
Up to 400mm

Wire Gauges
40 AWG

Insulation available
Polymide coated copper leads

Terminations
- D-Pin Subminiature
- Standard Connectors
- Standard Mini Plug
- Bare Wire

Substrates
- Silicon, A1TiC, Glass, Ceramic and other supplied
- Bare, Coated, or Patterned substrates. Other custom substrates, shapes and sizes available

Substrate Sizes Offered
- 50mm, 75mm, 100mm, 125mm, 150mm, 200mm, 300mm

Feedthrough
Polyimide flat cable with seal under O-ring, atmosphere to 10⁻⁷ Torr capable. Length designated by customer.