

# RESISTANCE TEMPERATURE DETECTOR WAFER ASSEMBLIES

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  $\Omega$  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



### Feedthrough

Polyimide flat cable with seal under O-ring, atmosphere to  $10^{-7}$  Torr capable. Length designated by customer.



### Substrates

Silicon, AlTiC, 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

**MORE THAN JUST A SENSOR**

**THERMO ELECTRIC**  
SINCE 1941