



**U.S. SENSOR** Corp.

Thermistors, RTDs, Probes & Assemblies

1-800-777-6467

**Reliability Testing**  
**THERMAL SHOCK: 100,000 CYCLES**

[« Previous](#)

[Continue »](#)

**Company Information**

- [About U. S. Sensor](#)
- [Mission Statement](#)
- [Newsletter](#)
- [Employment Opportunities](#)

**Product Guide**

- [NTC Thermistors](#)
- [NTC Probes & Assemblies](#)
- [RTD's](#)
- [RTD's Probes & Assemblies](#)
- [Parametric Search](#)

**Technical Data**

- [What is a thermistor](#)
- [Terminology](#)
- [Manufacturing](#)
- [Quality](#)

**Markets and Applications**

**Find a Sales Rep/ Distributor**

**Contact Us**

**Home**

**U.S. Sensor**

1832 W. Collins Ave  
 Orange, CA 92867  
 Tel: 800-777-6467  
 Tel: 714-639-1000  
 Fax: 714-639-1220  
 Email: [sales@ussensor.com](mailto:sales@ussensor.com)

**THERMISTOR/THERMISTOR ASSEMBLY**  
**ENVIRONMENTAL TEST REPORT**

**Part Number:** USP2373

**Part Description:** Thermistor Probe

**Test Identification Number:** SO#: 31538

**Test Specification:**

**SPECIAL**

**Test Condition (s):**

45 Sec. @ +20°C  
 10 Seconds Max. Transition  
 45 Sec. @ -20°C  
 10 Seconds Max. Transition

**DURATION:** 100,000 Cycles

**ACCEPTANCE CRITERIA RESULTS**

Maximum Change in Resistance Due to Test: ±1%  
 Maximum Change in Resistance Ratio R 50°C/R 25°C:  
 ±0.1%

**RESULTS**

PASS  
 PASS

[« Previous](#)

[Continue »](#)

[Top ^](#)