



**U.S. SENSOR** Corp.

Thermistors, RTDs, Probes & Assemblies

1-800-777-6467

**Reliability Testing  
SINUSOIDAL VIBRATION**

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**THERMISTOR/THERMISTOR ASSEMBLY  
ENVIRONMENTAL TEST REPORT**

**Part Number:** USP2446

**Part Description:** Thermistor Probe

**Test Identification Number:** SO#: 37213

**Test Specification:** MIL-E-5400, CURVE VI, FIGURE 2

**Test Condition (s):**

20 g  
 .036" DOUBLE AMPLITUDE  
 104 Hz

**DURATION:** 9 hours total, 3 hours in each of three perpendicular axis.

**ACCEPTANCE CRITERIA RESULTS**

Maximum Change in Resistance Due to Test:  $\pm 1\%$   
 Maximum Change in Resistance Ratio  
 R50°C/R25°C:  $\pm 0.1\%$

**RESULTS**

PASS  
 PASS

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