



U.S. SENSOR
Corp.

Thermistors, RTDs, Probes & Assemblies

1-800-777-6467

Reliability Testing
SALT WATER TEMPERATURE CYCLE

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THERMISTOR/THERMISTOR ASSEMBLY
ENVIRONMENTAL TEST REPORT

Part Number: USP2373

Part Description: Thermistor Probe

Test Identification Number: SO#: 44006

Test Specification:

SPECIAL

Test Condition (s):

Apply power to probes (dissipation between 1 and 3mw @ 25 and 98°C)
 Immerse in Salt Water (Saturated) at Room Temperature for 1 hour
 Increase temperature to 98°C within 30 minutes
 Cool to 25°C (room temperature) within 30 minutes
 Dwell at room temperature for 1 hour and repeat

DURATION: 500 cycles

ACCEPTANCE CRITERIA RESULTS

No Moisture Intrusion

Maximum Change in Resistance Ratio R50°C/R25°C:
±0.1%

RESULTS

PASS

PASS

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