

View Online at <https://aerobasegroup.com/nsn/5905-01-494-4116>

**Reliability Indicator:**

Not established

**Terminal Length:**

1.500 inches

**Body Outside Diameter:**

Between 0.250 inches and 0.300 inches

**Body Width:**

Between 0.250 inches and 0.300 inches

**Terminal Diameter:**

Between 0.017 inches and 0.023 inches

**Maximum Power Dissipation Rating:**

500.00 milliwatts

**Ambient Temperature At Full Rated Power:**

25.0 degrees celsius

**Maximum Operating Temp:**

125.0 degrees celsius

**Thermal Time Constant In Seconds:**

80.0

**Power Dissipation Constant In Milliwatts Per Deg Celsius:**

5.0

**Zero Power Temperature Coefficient Of Resistance In Percent Per Deg Celsius:**

-29.40

**Temperature Points For Resistance Readings At Zero Power:**

75.0 degrees celsius 6th resistance-temperature point

**Zero Power Resistance At Specificationified Temp:**

200.0 kilohms 1st resistance-temperature point

**Resistance Tolerance At A Specificationified Temperature In Percent:**

-20.0/+20.0 1st resistance-temperature point

**End Application:**

F16aircombfit

**Inclosure Type:**

Encapsulated

**Zero Power Resistance:**

2.000 kilohms

**Zero Power Resistance Tolerance In Percent At Reference Temp:**

-10.0/+10.0

**Style Designator:**

Spherical

**Test Data Document:**

81349-mil-prf-23648 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

2 wire lead

**Specification Data:**

81349-mil-prf-23648/1 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A086a0

**Mil-std (military Standard):**

Mil-prf-23648 spec.