

View Online at <https://aerobasegroup.com/nsn/5905-01-502-2624>

**Temperature Coefficient Of Resistance In Ppm Per Deg Celsius:**

-5.0/+5.0 first temp coefficient

**Electrical Resistance:**

83.500 ohms

**Resistance Tolerance In Percent:**

-0.500/+0.500

**Ambient Temperature In Deg Celsius At Full Rated Power:**

125.0

**Ambient Temperature In Deg Celsius At Zero Percent Rated Power:**

175.0

**Tempurature Range Of Tempurature Coefficient In Deg Celsius:**

-55.0/+125.0 temp range of first temp coefficient

**Inclosure Method:**

Encapsulated

**Terminal Type:**

Wire lead

**Mil-std-1276 Wire Lead Type Designator:**

C

**Reliability Indicator:**

Established

**Reliability Failure Rate Level In Percent:**

1.000

**Terminal Length:**

Between 0.875 inches and 1.875 inches

**Body Length:**

Between 0.290 inches and 0.320 inches

**Body Width:**

Between 0.095 inches and 0.120 inches

**Body Height:**

0.336 inches

**Power Dissipation Rating In Watts:**

0.300 free air

**End Application:**

Wsd: nuclear power plants

**Cubic Measure (non-core):**

0.013 cubic inches

**Unpackaged Unit Weight:**

1.000 grams

**Style Designator:**

Terminals one edge

**Test Data Document:**

81349-mil-prf-55182 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.).

**Specification Data:**

81349-mil-prf-55182/9 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A001a0

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

Mil-prf-55182 spec.