

View Online at <https://aerobasegroup.com/nsn/5961-00-842-6181>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.195 inches and 0.350 inches

**Terminal Length:**

1.000 inches

**Overall Diameter:**

Between 0.215 inches and 0.265 inches

**Electrode Internally-electrically Connected To Case:**

Cathode

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

8.2 regulator voltage

**Voltage Tolerance In Percent:**

-5.0/+5.0

**Current Rating Per Characteristic:**

31.00 milliamperes all primaries horsepower metric and 115.00 milliamperes repetitive peak forward current

**Power Rating Per Characteristic:**

1.0 watts small-signal input power, common-collector preset

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**Test Data Document:**

81349-mil-prf-19500 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 uninsulated wire lead

**Specification Data:**

81349-mil-s-19500/115 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0

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

Mil-prf-19500 spec.