

View Online at <https://aerobasegroup.com/nsn/5961-01-100-2143>

**Inclosure Material:**

Glass and metal

**Overall Length:**

0.570 inches

**Terminal Length:**

Between 1.000 inches and 1.625 inches

**Overall Diameter:**

Between 0.215 inches and 0.235 inches

**Function For Which Designed:**

Transient suppressor

**Joint Electronic Device Engineering Council/jedec/case Outline Designation:**

Do-13

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

Cathode

**Mounting Method:**

Terminal

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

8.5 working peak reverse voltage and 9.5 breakdown voltage, dc and 10.5 breakdown voltage, dc

**Current Rating Per Characteristic:**

50.00 microamperes forward current, average peak

**Power Rating Per Characteristic:**

1.0 watts small-signal input power, common-collector horsepower metric

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**Test Data Document:**

81349-mil-s-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-19500/507 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A110a0