

View Online at <https://aerobasegroup.com/nsn/5961-01-084-7393>

**Inclosure Material:**

Glass

**Overall Length:**

Between 0.140 inches and 0.165 inches

**Terminal Length:**

Between 0.900 inches and 1.100 inches

**Overall Diameter:**

Between 0.135 inches and 0.180 inches

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

D0-7

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.1 breakdown voltage, dc

**Current Rating Per Characteristic:**

15.00 milliamperes forward current, total rms nanoamperes

**Power Rating Per Characteristic:**

500.0 watts small-signal input power, common-collector of standard range

**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-19500/516/el/ government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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