

View Online at <https://aerobasegroup.com/nsn/5961-01-589-4827>

**Inclosure Material:**

Glass

**Overall Length:**

Between 2.155 inches and 3.155 inches

**Terminal Length:**

Between 1.000 inches and 1.500 inches

**Overall Diameter:**

Between 0.060 inches and 0.090 inches

**Function For Which Designed:**

Zener diode

**End Application:**

5841-01-552-8119

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

Do-35

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.020 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

9.1 regulator voltage

**Voltage Tolerance In Percent:**

-5.0/+5.0

**Current Rating Per Characteristic:**

47.00 milliamperes dc current in reverse breakdown region

**Power Rating Per Characteristic:**

500.0 milliwatts total power dissipation

**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-prf-19500/533 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0

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

Mil-prf-19500 spec.