

View Online at <https://aerobasegroup.com/nsn/5961-01-186-9425>

**Inclosure Material:**

Metal

**Overall Length:**

1.453 inches

**Mounting Facility Quantity:**

1

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

Do-5

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

Cathode

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

0.688 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

45.0 repetitive peak reverse voltage and 54.0 nonrepetitive peak reverse voltage and 45.0 working peak reverse voltage

**Current Rating Per Characteristic:**

54.00 amperes forward current, average absolute and 60.00 amperes source cutoff current absolute and 1000.00 amperes forward current, average 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.).

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 tab, solder lug and 1 threaded stud

**Specification Data:**

81349-mil-prf-19500/554 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