

View Online at <https://aerobasegroup.com/nsn/5961-01-187-8075>

**Inclosure Material:**

Metal

**Overall Length:**

1.453 inches

**Mounting Facility Quantity:**

1

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

Do-5

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case and quality assurance level txv

**Overall Width Across Flats:**

0.688 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 reverse voltage, instantaneous and 100.0 working peak reverse voltage

**Current Rating Per Characteristic:**

70.00 amperes forward current, average absolute

**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.).

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 tab, solder lug and 1 threaded stud

**Specification Data:**

81349-mil-s-19500/550 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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