

View Online at <https://aerobasegroup.com/nsn/5961-00-195-4094>

**Inclosure Material:**

Metal

**Overall Length:**

1.308 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

Anode

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.424 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

50.0 repetitive peak reverse voltage and 50.0 repetitive peak off-state voltage and 10.0 peak gate voltage

**Current Rating Per Characteristic:**

4.70 amperes forward current, average absolute

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: pnpn

**Test Data Document:**

81349-mil-prf-19500/168 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:**

2 tab, solder lug and 1 threaded stud

**Specification Data:**

81349-mil-prf-19500/168 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0

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

Mil-prf-19500 spec.