

View Online at <https://aerobasegroup.com/nsn/5961-01-030-6409>

**Inclosure Material:**

Metal

**Overall Length:**

2.577 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

1.062 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

300.0 repetitive peak off-state voltage and 300.0 repetitive peak reverse voltage and 400.0 reverse voltage, peak and 210.0 off-state voltage, rms total

**Current Rating Per Characteristic:**

70.00 amperes forward current, total rms universal and 1000.00 amperes peak forward surge current nanoamperes

**Power Rating Per Characteristic:**

5.0 watts small-signal input power, common-collector blank and 0.5 watts small-signal input power, common-collector universal

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnpn

**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:**

3 insulated wire lead w/terminal lug and 1 threaded stud

**Specification Data:**

81349-mil-s-19500/203 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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