

View Online at <https://aerobasegroup.com/nsn/5961-01-253-2817>

**Inclosure Material:**

Metal

**Overall Length:**

7.542 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-94

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

1.063 inches

**Thread Size:**

0.500 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 380.0 nonrepetitive peak reverse voltage

**Current Rating Per Characteristic:**

110.00 amperes forward current, total rms horsepower metric and 1800.00 amperes peak forward surge current absolute

**Power Rating Per Characteristic:**

2.0 watts small-signal input power, common-collector not applicable

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnpnp

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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