

View Online at <https://aerobasegroup.com/nsn/5961-01-097-4736>

**Inclosure Material:**

Metal

**Overall Diameter:**

1.227 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:**

1000.0 repetitive peak reverse voltage, peak total value and 1100.0 nonrepetitive peak reverse voltage

**Current Rating Per Characteristic:**

125.00 amperes forward current, total rms horsepower metric

**Power Rating Per Characteristic:**

25.0 watts small-signal input power, common-collector blank

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnpn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 threaded stud and 3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0