

View Online at <https://aerobasegroup.com/nsn/5961-00-902-7968>

**Inclosure Material:**

Metal

**Overall Length:**

0.460 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

Collector

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.687 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 breakdown voltage, collector-to-base, emitter open and 10.0 breakdown voltage, emitter-to-base, collector open and 80.0 breakdown voltage, collector-to-emitter, base open

**Current Rating Per Characteristic:**

7.50 amperes source cutoff current and 3.00 amperes source cutoff current

**Power Rating Per Characteristic:**

85.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

2 tab, solder lug and 1 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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