

View Online at <https://aerobasegroup.com/nsn/5961-01-159-6667>

**Inclosure Material:**

Metal

**Overall Length:**

1.563 inches

**Overall Height:**

0.350 inches

**Overall Width:**

1.050 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-3

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

50.0 collector to base voltage/static/emitter open and 50.0 collector to emitter voltage, dc with specified circuit between base and emitter and 5.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

30.00 amperes source cutoff current and 7.50 amperes source cutoff current

**Power Rating Per Characteristic:**

150.0 watts small-signal input power, common-collector preset

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: npn

**Precious Material And Location:**

Leads gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

2 uninsulated wire lead and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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