

View Online at <https://aerobasegroup.com/nsn/5961-01-214-7046>

**Inclosure Material:**

Metal

**Overall Length:**

0.250 inches

**Terminal Length:**

1.500 inches

**Overall Diameter:**

0.353 inches

**Internal Configuration:**

Junction contact

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

To-33

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

50.0 collector to base voltage/static/emitter open and 35.0 collector to emitter voltage/static/base open and 3.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

300.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

600.0 milliwatts small-signal input power, common-collector

**Transfer Ratio:**

25.0 static forward current transfer ratio, common-emitter and 90.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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