

View Online at <https://aerobasegroup.com/nsn/5961-01-211-8444>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.970 inches and 1.218 inches

**Overall Diameter:**

0.505 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-111

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

Between 0.423 inches and 0.438 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

80.0 breakdown voltage, collector-to-emitter, base open

**Current Rating Per Characteristic:**

10.00 amperes source cutoff current and 30.00 nanoamperes base current, dc preset

**Power Rating Per Characteristic:**

30.0 watts small-signal input power, common-collector absolute

**Transfer Ratio:**

50.0 static forward current transfer ratio, common-emitter and 150.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

High power switching transistor; junction pattern arrangement: npn

**Terminal Type And Quantity:**

2 uninsulated wire lead w/terminal lug and 1 wire hook

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0