

View Online at <https://aerobasegroup.com/nsn/5961-01-319-2504>

**Inclosure Material:**

Plastic

**Overall Length:**

0.845 inches

**Terminal Length:**

0.500 inches

**Overall Height:**

0.482 inches

**Overall Width:**

0.500 inches

**Internal Configuration:**

Junction contact

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

To-218

**Mounting Method:**

Terminal

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

450.0 breakdown voltage, collector-to-emitter, base open and 1000.0 breakdown voltage, collector-to-emitter, with base short-circuited to emitter

**Current Rating Per Characteristic:**

8.00 amperes source cutoff current and 1.00 milliamperes zero-gate-voltage source current preset

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

6.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

140.0 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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