

View Online at <https://aerobasegroup.com/nsn/5961-00-761-8061>

**Inclosure Material:**

Metal

**Overall Length:**

0.250 inches

**Terminal Length:**

0.625 inches

**Overall Diameter:**

0.352 inches

**Internal Configuration:**

Junction contact

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

To-205ad

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case and w/heat sink

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

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

**Current Rating Per Characteristic:**

500.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

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

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Heat sink is 0.625 in. Lg. And 0.371 in. W; junction pattern arrangement: pn

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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