

View Online at <https://aerobasegroup.com/nsn/5961-01-017-6022>

**Inclosure Material:**

Metal

**Overall Length:**

0.850 inches

**Overall Diameter:**

0.437 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.510 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 breakdown voltage, collector-to-base, emitter open and 50.0 breakdown voltage, collector-to-emitter, base open and 4.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

Between 500.00 milliamperes source cutoff current and 2.50 amperes source cutoff current

**Power Rating Per Characteristic:**

3.3 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

165.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Specification Data:**

80131-release4545 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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