

View Online at <https://aerobasegroup.com/nsn/5961-00-474-8500>

**Inclosure Material:**

Metal

**Overall Length:**

0.535 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Electrode Internally-electrically Connected To Case:**

Collector

**Internal Junction Configuration:**

Npn

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.875 inches

**Thread Size:**

0.312 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

180.0 breakdown voltage, collector-to-base, emitter open and 150.0 breakdown voltage, collector-to-emitter, base open and 6.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

Between 20.00 amperes source cutoff current and 50.00 amperes source cutoff current

**Power Rating Per Characteristic:**

250.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 tab, solder lug

**Specification Data:**

80131-release6361 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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