

View Online at <https://aerobasegroup.com/nsn/5961-01-140-4369>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.320 inches and 0.468 inches

**End Application:**

Closed-loop 03950

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-59

**Internal Junction Configuration:**

Npn

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.424 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

80.0 breakdown voltage, collector-to-base, emitter open and 80.0 breakdown voltage, collector-to-emitter, base open and 6.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

Between 1.00 amperes source cutoff current and 7.00 amperes source cutoff current

**Power Rating Per Characteristic:**

60.0 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-release5835 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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