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**Inclosure Material:**

Metal

**Overall Length:**

1.196 inches

**Overall Diameter:**

0.687 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-61

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

Collector

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

0.687 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

120.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 10.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

5.00 amperes source cutoff current and 5.00 amperes source cutoff current blank

**Power Rating Per Characteristic:**

50.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 tab, solder lug

**Specification Data:**

80131-release4254 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0