

View Online at <https://aerobasegroup.com/nsn/5961-01-170-2163>

**Inclosure Material:**

Plastic

**Overall Length:**

1.145 inches

**Terminal Length:**

0.540 inches

**Overall Height:**

0.165 inches

**Overall Width:**

0.400 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact-darlington connected

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

To-220

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

Collector

**Mounting Method:**

Terminal and unthreaded hole

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage/static/emitter open and 100.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

8.00 amperes source cutoff current and 0.20 amperes source cutoff current

**Power Rating Per Characteristic:**

60.0 watts small-signal input power, common-collector preset

**Transfer Ratio:**

70.0 small-signal short-circuit forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

3 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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