

View Online at <https://aerobasegroup.com/nsn/5961-01-256-8881>

**Inclosure Material:**

Metal

**Overall Length:**

1.252 inches

**Overall Height:**

0.340 inches

**Overall Width:**

0.700 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-66

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

160.0 collector to base voltage/static/emitter open and 140.0 collector to emitter voltage/static/base open and 7.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

3.00 amperes source cutoff current and 2.00 amperes source cutoff current

**Power Rating Per Characteristic:**

5.8 watts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Item must comply with requirements of defense electronics supply center production standard no. L03745; for navy nuclear propulsion plant products only; junction pattern arrangement: npn

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0