

View Online at <https://aerobasegroup.com/nsn/5961-01-223-1139>

**Inclosure Material:**

Metal

**Overall Length:**

0.260 inches

**Terminal Length:**

1.500 inches

**Overall Diameter:**

0.370 inches

**Internal Configuration:**

Junction contact

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

To-5

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

500.0 collector to base voltage, dc and 400.0 collector to emitter voltage/static/base open and 6.0 emitter to base voltage, dc

**Current Rating Per Characteristic:**

1.00 amperes source cutoff current and 0.50 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

25.0 static forward current transfer ratio, common-emitter and 150.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A110a0