

View Online at <https://aerobasegroup.com/nsn/5961-01-016-2781>

**Inclosure Material:**

Metal

**Overall Length:**

0.330 inches

**Terminal Length:**

Between 0.360 inches and 0.440 inches

**Overall Diameter:**

0.650 inches

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

To-8

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

Between 0.136 inches and 0.146 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 nonrepetitive peak reverse voltage and 100.0 nonrepetitive peak off-state voltage

**Current Rating Per Characteristic:**

33.00 amperes forward current, average

**Power Rating Per Characteristic:**

50.0 milliwatts small-signal input power, common-collector peak

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius junction

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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