

View Online at <https://aerobasegroup.com/nsn/5961-01-314-1543>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.169 inches and 0.180 inches

**Terminal Length:**

Between 0.500 inches and 0.560 inches

**Overall Diameter:**

0.360 inches

**Function For Which Designed:**

Rectifier

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

To-39

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

Between 0.190 inches and 0.210 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

45.0 repetitive peak reverse voltage and 45.0 working peak reverse voltage, peak total value and 54.0 nonrepetitive peak reverse voltage

**Current Rating Per Characteristic:**

2.00 amperes operating voltage dc and 4.00 amperes forward current, average and 80.00 amperes forward current, average preset

**Maximum Operating Temperature Per Measurement Point:**

175.0 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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