

View Online at <https://aerobasegroup.com/nsn/5961-01-271-5340>

**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Overall Height:**

0.450 inches

**Overall Width:**

1.050 inches

**Mounting Facility Quantity:**

2

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

To-3

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

Cathode

**Component Name And Quantity:**

2 semiconductor device diode

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case and electrostatic sensitive

**Semiconductor Material:**

Silicon all semiconductor device diode

**Voltage Rating In Volts Per Characteristic:**

54.0 nonrepetitive peak reverse voltage all semiconductor device diode and 45.0 working peak reverse voltage all semiconductor device diode

**Current Rating Per Characteristic:**

30.00 amperes forward current, average absolute all semiconductor device diode and 500.00 amperes forward current, average preset all semiconductor device diode

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Test Data Document:**

96214-807880 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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