

View Online at <https://aerobasegroup.com/nsn/5961-01-391-3735>

**Inclosure Material:**

Ceramic

**Overall Length:**

0.990 inches

**Overall Height:**

0.560 inches

**Overall Width:**

0.545 inches

**Mounting Facility Quantity:**

4

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

To-254aa

**Response Time:**

35.0 nanoseconds all semiconductor device diode

**Component Name And Quantity:**

2 semiconductor device diode

**Mounting Method:**

Terminal and unthreaded hole

**Semiconductor Material:**

Silicon all semiconductor

**Voltage Rating In Volts Per Characteristic:**

100.0 reverse voltage, instantaneous all semiconductor device diode and 100.0 working peak reverse voltage all semiconductor device diode

**Current Rating Per Characteristic:**

40.00 amperes forward current, average absolute all semiconductor device diode and 400.00 amperes forward current, average preset all semiconductor device diode

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Precious Material And Location:**

Terminal areas iaw mil-std-2000 para. 5.4.17.2 gold

**Precious Material:**

Gold

**Test Data Document:**

35351-171280 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:**

3 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0