

View Online at <https://aerobasegroup.com/nsn/5961-01-545-0821>

**Inclosure Material:**

Glass

**Overall Length:**

Between 0.150 inches and 0.170 inches

**Terminal Length:**

1.000 inches

**Overall Diameter:**

Between 0.064 inches and 0.070 inches

**Function For Which Designed:**

General purpose

**End Application:**

Nimitz class cvn r-2199a/sps-4 (v) , receiver, radar

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

15

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.4 millimeters

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 breakdown voltage, dc

**Current Rating Per Characteristic:**

30.00 milliamperes source cutoff current preset

**Power Rating Per Characteristic:**

250.0 milliwatts any acceptable

**Capacitance Rating In Picofarads:**

0.3

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Product Name:**

Pin diode for rf switching and attenuating

**Special Features:**

Lead finish is 95-5 tin-lead; leads are restricted so that the bend starts at least 1/16 in. From the glass body; effective carrier lifetime: 100 ns (min); max. Residual series resistance: 15 ohms; high resistance limit: 1100-1660 ohms; low resistance limit: 10-24 ohms; max.

Soldering temp: 250 degrees c for 5 sec

**Terminal Type And Quantity:**

2 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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