

View Online at <https://aerobasegroup.com/nsn/5961-01-159-5815>

**Inclosure Material:**

Metal

**Overall Length:**

Between 6.223 inches and 7.255 inches

**Mounting Facility Quantity:**

1

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

Do-9

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

Cathode

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

1.443 inches

**Thread Size:**

0.750 inches

**Criticality Code Justification:**

Zzzy

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

1000.0 repetitive peak reverse voltage and 800.0 reverse voltage, dc and 1200.0 nonrepetitive peak reverse voltage

**Current Rating Per Characteristic:**

400.00 amperes forward current, average of standard range and 30.00 milliamperes forward current, average nanoamperes

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Item must comply with requirements of defense supply center columbus production standard no. Lo3309; junction pattern arrangement: pn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 tab, solder lug and 1 threaded stud

**Reference Number Differentiating Characteristics:**

Areference number differentiating material will be in accordance with naval inventory control point activity hx quality control. Manufacturing and testing specifications available at the dla icp

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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