

View Online at <https://aerobasegroup.com/nsn/5961-00-008-6831>

**Inclosure Material:**

Metal

**Overall Length:**

0.505 inches

**Overall Diameter:**

0.544 inches

**End Application:**

F-14 tomcat aircraft. Velocity pool repairable pieve parts.

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-48

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

Anode

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.562 inches

**Thread Size:**

0.250 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

3.0 gate trigger voltage, dc

**Current Rating Per Characteristic:**

80.00 milliamperes forward current, total rms preset

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius ambient air

**Special Features:**

Weapon system essential

**Test Data Document:**

82577-925909 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)

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

2 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0