

View Online at <https://aerobasegroup.com/nsn/5961-00-139-6629>

**Inclosure Material:**

Metal

**Overall Length:**

0.830 inches

**Function For Which Designed:**

Zener diode

**End Application:**

An/apq-148 radar; ea-6b prowler aircraft

**Mounting Facility Quantity:**

1

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

Cathode

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

0.250 inches

**Thread Size:**

0.138 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

11.0 breakdown voltage, dc and 14.0 breakdown voltage, dc and 11.2 reverse voltage, instantaneous

**Current Rating Per Characteristic:**

175.00 milliamperes source cutoff current horsepower metric

**Power Rating Per Characteristic:**

10.0 watts small-signal input power, common-collector preset

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**Special Features:**

Weapon system essential

**Precious Material And Location:**

Solder tab plated gold

**Test Data Document:**

95542-941-032 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:**

Unc

**Terminal Type And Quantity:**

1 solder stud and 1 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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