

View Online at <https://aerobasegroup.com/nsn/5961-01-245-4856>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.188 inches and 0.208 inches

**Overall Diameter:**

Between 0.119 inches and 0.127 inches

**Function For Which Designed:**

Gunn diode

**End Application:**

F-15 acft

**Mounting Facility Quantity:**

1

**Mounting Method:**

Threaded stud

**Thread Size:**

0.099 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

30.0 breakdown voltage, dc

**Power Rating Per Characteristic:**

250.0 milliwatts large-signal output power, common-collector universal

**Maximum Operating Temperature Per Measurement Point:**

71.0 degrees celsius case

**Precious Material And Location:**

Terminals plated gold

**Test Data Document:**

82577-925194 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:**

2 case

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0