

View Online at <https://aerobasegroup.com/nsn/5961-01-049-2667>

**Inclosure Material:**

Metal

**Overall Length:**

0.090 inches

**Overall Diameter:**

Between 0.490 inches and 0.510 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

Collector

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

85.0 collector to base voltage/static/emitter open and 85.0 collector to emitter voltage/static/base open and 90.0 collector to emitter voltage, dc with base short-circuited to emitter and 4.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

4.50 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

13499-352-0901 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 uninsulated wire lead and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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