

View Online at <https://aerobasegroup.com/nsn/5961-00-045-8625>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.170 inches and 0.210 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

Between 0.210 inches and 0.225 inches

**Function For Which Designed:**

Amplifier

**Internal Configuration:**

Junction contact-darlington connected

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

Collector

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

Between 0.090 inches and 0.110 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 breakdown voltage, collector-to-base, emitter open and 60.0 breakdown voltage, collector to emitter, sustained and 15.0 breakdown voltage, emitter-to-base, collector open

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

97942-577r139 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)

**Terminal Type And Quantity:**

4 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0