

View Online at <https://aerobasegroup.com/nsn/5961-01-024-3737>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.320 inches and 0.468 inches

**Terminal Length:**

Between 0.250 inches and 0.295 inches

**Function For Which Designed:**

Amplifier

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-111

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

Source

**Mounting Method:**

Terminal and threaded stud

**Terminal Circle Diameter:**

Between 0.175 inches and 0.213 inches

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.424 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage/static/emitter open

**Current Rating Per Characteristic:**

5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

37.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

82577-928854 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:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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