

View Online at <https://aerobasegroup.com/nsn/5961-01-074-8802>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.330 inches and 0.505 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-48

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.544 inches and 0.562 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

50.0 reverse voltage, peak and 3.0 gate trigger voltage, dc and 2.0 forward voltage, peak

**Current Rating Per Characteristic:**

16.00 amperes source cutoff current megahertz and 80.00 milliamperes forward current, total rms preset

**Power Rating Per Characteristic:**

5.0 watts small-signal input power, common-collector blank

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius ambient air

**Special Features:**

Internal junction configuration arrangement pnpn

**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

**Fig:**

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