

View Online at <https://aerobasegroup.com/nsn/5961-01-102-9451>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.250 inches and 0.295 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

T0-59

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case and radiation hardened

**Overall Width Across Flats:**

Between 0.380 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

-100.0 collector to emitter reverse voltage, with base short-circuited to emitter and -80.0 collector to emitter voltage/static/base open and -5.5 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

Between 0.25 amperes source cutoff current and 5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnp

**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:**

A110a0