

View Online at <https://aerobasegroup.com/nsn/5961-01-073-6649>

**Inclosure Material:**

Metal

**Overall Length:**

0.534 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-63

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

Collector

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.865 inches

**Thread Size:**

0.312 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage/static/emitter open and 8.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

50.00 amperes source cutoff current and 10.00 amperes source cutoff current

**Power Rating Per Characteristic:**

220.0 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

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A110a0