

View Online at <https://aerobasegroup.com/nsn/5961-01-080-4549>

**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Terminal Length:**

0.440 inches

**Overall Height:**

0.328 inches

**Overall Width:**

1.050 inches

**End Application:**

F-16a&b usaf

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

450.0 collector-to-emitter, substaining voltage, base open-circuited and 450.0 collector to base voltage/static/emitter open and 5.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

Between 1.00 amperes source cutoff current and 10.00 amperes source cutoff current

**Power Rating Per Characteristic:**

125.0 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

**Precious Material And Location:**

Leads plated gold

**Test Data Document:**

08748-tr49 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:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A110a0