

View Online at <https://aerobasegroup.com/nsn/5961-01-331-2897>

**Inclosure Material:**

Metal

**Overall Length:**

Between 1.409 inches and 1.573 inches

**Overall Height:**

Between 0.250 inches and 0.450 inches

**Overall Width:**

Between 0.990 inches and 1.050 inches

**End Application:**

Tactical air operations central an/tyq-2 (v) 1

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-3

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case and electrostatic sensitive

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

800.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

1.00 amperes source cutoff current and 0.25 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

20.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A110a0