

View Online at <https://aerobasegroup.com/nsn/5961-01-301-5548>

**Inclosure Material:**

Metal

**Overall Length:**

Between 1.553 inches and 1.573 inches

**Overall Height:**

Between 0.250 inches and 0.450 inches

**Overall Width:**

1.050 inches

**End Application:**

S-3b viking, p-3 orion aircraft.

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact-darlington connected

**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 burn in

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

450.0 collector-to-emitter sustaining voltage, with specified circuit between base and emitter and 400.0 collector-to-emitter, sustaining voltage, base open-circuited and 500.0 collector to emitter saturation voltage

**Current Rating Per Characteristic:**

20.00 amperes zero-gate-voltage source current blank and 2.50 amperes zero-gate-voltage source current of standard range

**Power Rating Per Characteristic:**

175.0 watts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Weapon system essential; junction pattern arrangement: npn

**Test Data Document:**

96214-807721 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:**

1 case and 2 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0