

View Online at <https://aerobasegroup.com/nsn/5961-01-016-9906>

**Inclosure Material:**

Metal

**Overall Length:**

0.260 inches

**Terminal Length:**

1.500 inches

**Overall Diameter:**

0.370 inches

**End Application:**

Mk 37 gun fire control system; missile, air-to-air, sparrow (aim-7); missile, air-to-air, phoenix (aim-54); sirius class t-afs 8; helicopter, carrier based asw, sh-60f; aircraft, c-2a (reprocured); helicopter, advance attack, ah-1w; sonar dome rubber windows (sdrws); landing craft air cushion (lcac); helicopter, mh-53e

**Internal Configuration:**

Junction contact

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

To-5

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

Collector

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

120.0 breakdown voltage, collector-to-base, emitter open and 120.0 breakdown voltage, collector-to-emitter, base open and 4.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

1.00 amperes source cutoff current and 500.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

40.0 static forward current transfer ratio, common-emitter and 150.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Weapon system essential; junction pattern arrangement: npn

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0