

View Online at <https://aerobasegroup.com/nsn/5961-01-298-5989>

**Inclosure Material:**

Metal

**Overall Length:**

0.520 inches

**Terminal Length:**

0.312 inches

**Overall Diameter:**

1.250 inches

**End Application:**

Velocity pool reparable piece parts; aircraft, tomcat f-14

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-36

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

Collector

**Mounting Method:**

Terminal and unthreaded hole

**Features Provided:**

Hermetically sealed case

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

500.0 collector to base voltage/static/emitter open and 500.0 collector to emitter voltage/static/base open and 6.8 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

10.00 amperes source cutoff current and 3.00 amperes source cutoff current

**Power Rating Per Characteristic:**

150.0 watts small-signal input power, common-collector

**Transfer Ratio:**

7.0 static forward current transfer ratio, common-emitter and 20.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius ambient air

**Special Features:**

Weapon system essential; junction pattern arrangement: npn

**Terminal Type And Quantity:**

2 uninsulated wire lead and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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