

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:

--

Demilitarization:

No

Fiig:

A110a0