

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