

View Online at <https://aerobasegroup.com/nsn/5961-01-108-3267>

Inclosure Material:

Metal

Overall Length:

0.250 inches

Terminal Length:

Between 0.500 inches and 0.800 inches

Overall Diameter:

0.370 inches

End Application:

E-3a

Internal Configuration:

Junction contact

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

To-39

Electrode Internally-electrically Connected To Case:

Collector

Mounting Method:

Terminal

Features Provided:

Hermetically sealed case

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

400.0 collector to base voltage, dc and 300.0 collector to emitter voltage/static/base open and 10.0 emitter to base voltage, instantaneous

Current Rating Per Characteristic:

2.00 amperes source cutoff current

Power Rating Per Characteristic:

15.0 watts small-signal input power, common-collector preset

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius junction

Special Features:

Junction pattern arrangement: npn

Precious Material And Location:

Terminal surface option gold

Test Data Document:

97942-582r665 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:

3 uninsulated wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A110a0