

View Online at <https://aerobasegroup.com/nsn/5961-01-100-4472>

Inclosure Material:

Metal

Overall Length:

Between 0.250 inches and 0.450 inches

Overall Diameter:

0.875 inches

Mounting Facility Quantity:

2

Internal Configuration:

Junction contact

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

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

50.0 breakdown voltage, collector-to-emitter, base open and 550.0 collector to emitter voltage, dc with specified circuit between base and emitter and 700.0 collector to emitter reverse voltage and 8.0 emitter to base voltage, dc and 500.0 breakdown voltage, collector to emitter, sustained

Current Rating Per Characteristic:

Between 10.00 amperes source cutoff current and 50.00 amperes source cutoff current

Power Rating Per Characteristic:

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

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius junction

Special Features:

Junction pattern arrangement: npn

Test Data Document:

96214-804363 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