

View Online at <https://aerobasegroup.com/nsn/5961-01-376-7516>

Inclosure Material:

Metal

Overall Length:

1.573 inches

Terminal Length:

Between 0.312 inches and 0.500 inches

Overall Height:

0.450 inches

Overall Width:

1.050 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

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

650.0 collector to base voltage/static/emitter open and 650.0 collector to emitter voltage, dc with specified circuit between base and emitter and 400.0 collector to emitter voltage/static/base open and 8.0 emitter to base voltage, static, collector open

Current Rating Per Characteristic:

Between 5.00 amperes source cutoff current and 15.00 amperes source cutoff current

Power Rating Per Characteristic:

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

Transfer Ratio:

15.0 static forward current transfer ratio, common-emitter

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius ambient air

Special Features:

Junction pattern arrangement: npn

Precious Material And Location:

Terminal surface option gold

Precious Material:

Gold

Test Data Document:

89954-348a1245 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:

2 uninsulated wire lead and 1 case

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A110a0