

View Online at <https://aerobasegroup.com/nsn/5961-01-159-7699>

Inclosure Material:

Metal

Overall Length:

1.550 inches

Overall Height:

0.300 inches

Overall Width:

1.050 inches

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

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

500.0 breakdown voltage, collector to emitter, sustained and 700.0 collector to emitter voltage, dc and 700.0 collector to base voltage, dc and 8.0 emitter to base voltage, dc

Current Rating Per Characteristic:

75.00 amperes source cutoff current and 15.00 amperes source cutoff current

Power Rating Per Characteristic:

250.0 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

Test Data Document:

49956-g111853 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 pin and 1 case

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A110a0