

View Online at <https://aerobasegroup.com/nsn/5961-01-448-3255>

Inclosure Material:

Metal

Overall Length:

1.646 inches

Overall Diameter:

0.650 inches

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

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

To-48

Mounting Method:

Threaded stud

Overall Width Across Flats:

Between 0.544 inches and 0.562 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

650.0 forward voltage, peak and 50.0 emitter supply voltage

Current Rating Per Characteristic:

250.00 amperes source cutoff current outside diameter

Power Rating Per Characteristic:

40.0 watts small-signal input power, common-collector blank and 0.5 watts small-signal input power, common-collector universal

Maximum Operating Temperature Per Measurement Point:

115.0 degrees celsius case

Special Features:

Junction pattern arrangement: pnpn

Test Data Document:

29357-43033-212-00481 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 tab, solder lug and 1 threaded stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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