

View Online at <https://aerobasegroup.com/nsn/5961-00-493-6115>

Inclosure Material:

Metal

Overall Length:

Between 0.330 inches and 0.505 inches

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

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

T0-48

Mounting Method:

Threaded stud

Features Provided:

Hermetically sealed case

Overall Width Across Flats:

Between 0.544 inches and 0.562 inches

Thread Size:

0.250 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

1.2 forward voltage, average and 2.2 forward voltage, peak and 2.0 gate trigger voltage, dc

Current Rating Per Characteristic:

150.00 amperes source cutoff current absolute and 8.00 milliamperes source cutoff current outside diameter and 8.00 milliamperes forward current, average nanoamperes and 35.00 milliamperes forward current, total rms preset and 50.00 milliamperes forward current, total rms peak

Maximum Operating Temperature Per Measurement Point:

100.0 degrees celsius junction

Special Features:

Junction pattern arrangement: pnpn

Test Data Document:

18338-113977 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)

Thread Series Designator:

Unf

Terminal Type And Quantity:

1 threaded stud and 2 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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