

View Online at <https://aerobasegroup.com/nsn/5961-00-324-3211>

Inclosure Material:

Metal

Overall Length:

1.000 inches

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

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

To-83

Mounting Method:

Threaded stud

Features Provided:

Hermetically sealed case

Overall Width Across Flats:

Between 1.031 inches and 1.062 inches

Thread Size:

0.500 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

60.0 repetitive peak reverse voltage and 75.0 nonrepetitive peak reverse voltage and 50.0 breakover voltage, dc

Current Rating Per Characteristic:

6.50 milliamperes forward current, average minor and 6.50 milliamperes forward current, average watts and 100.00 milliamperes forward current, total rms peak and 110.00 amperes forward current, total rms horsepower metric and 70.00 amperes forward current, total rms universal and 1000.00 amperes forward current, total rms watts

Power Rating Per Characteristic:

500.0 milliwatts small-signal input power, common-collector peak

Maximum Operating Temperature Per Measurement Point:

125.0 degrees celsius junction

Special Features:

Junction pattern arrangement: pnpn

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:

A110a0