

View Online at <https://aerobasegroup.com/nsn/5961-01-147-3902>

Inclosure Material:

Metal

Overall Length:

1.646 inches

End Application:

Computer

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

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

To-48

Mounting Method:

Threaded stud

Features Provided:

Hermetically sealed case and quality assurance level tx

Overall Width Across Flats:

Between 0.544 inches and 0.563 inches

Thread Size:

0.250 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

600.0 repetitive peak reverse voltage and 720.0 nonrepetitive peak reverse voltage and 5.0 peak gate voltage

Current Rating Per Characteristic:

16.00 amperes forward current, average absolute and 150.00 amperes peak forward surge current absolute

Maximum Operating Temperature Per Measurement Point:

125.0 degrees celsius case

Special Features:

Junction pattern arrangement: pnpn

Test Data Document:

81349-mil-prf-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Thread Series Designator:

Unf

Terminal Type And Quantity:

1 threaded stud and 2 insulated wire lead w/terminal lug

Specification Data:

81349-mil-prf-19500/108 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A110a0

Mil-std (military Standard):

Mil-prf-19500 spec.