

View Online at <https://aerobasegroup.com/nsn/5961-01-194-3094>

Inclosure Material:

Metal

Overall Length:

2.637 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 and quality assurance level txv

Overall Width Across Flats:

1.227 inches

Thread Size:

0.500 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

300.0 repetitive peak reverse voltage and 300.0 repetitive peak off-state voltage and 400.0 nonrepetitive peak reverse voltage

Current Rating Per Characteristic:

50.00 amperes forward current, total rms universal

Power Rating Per Characteristic:

5.0 watts small-signal input power, common-collector blank

Maximum Operating Temperature Per Measurement Point:

125.0 degrees celsius ambient air

Special Features:

Junction pattern arrangement: pnpn

Test Data Document:

81349-mil-s-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:

2 tab, solder lug and 1 threaded stud

Specification Data:

81349-mil-s-19500/204 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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