

View Online at <https://aerobasegroup.com/nsn/5961-01-324-5886>

Inclosure Material:

Metal

Overall Length:

0.260 inches

Terminal Length:

1.750 inches

Overall Diameter:

0.370 inches

Internal Configuration:

Junction contact-darlington connected

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

To-33

Electrode Internally-electrically Connected To Case:

Collector

Mounting Method:

Terminal

Terminal Circle Diameter:

0.200 inches

Features Provided:

Hermetically sealed case and quality assurance level txv

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

150.0 collector to base voltage/static/emitter open and 150.0 collector to emitter reverse voltage and 12.0 emitter to base voltage, dc

Current Rating Per Characteristic:

10.00 amperes source cutoff current and 0.50 amperes source cutoff current

Power Rating Per Characteristic:

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

Transfer Ratio:

1000.0 static forward current transfer ratio, common-emitter and 10000.0 static forward current transfer ratio, common-emitter

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius ambient air

Special Features:

Junction pattern arrangement: npn

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.).

Terminal Type And Quantity:

4 uninsulated wire lead

Specification Data:

81349-mil-s-19500/472 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A110a0