

View Online at <https://aerobasegroup.com/nsn/5961-00-787-5305>

Inclosure Material:

Metal

Overall Length:

Between 0.170 inches and 0.210 inches

Terminal Length:

0.500 inches

Overall Diameter:

Between 0.209 inches and 0.230 inches

Internal Configuration:

Junction contact

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

To-18

Electrode Internally-electrically Connected To Case:

Collector

Mounting Method:

Terminal

Terminal Circle Diameter:

0.100 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

75.0 collector to base voltage/static/emitter open and 50.0 collector-to-emitter, resistance between base and emitter and 30.0 collector to emitter voltage/static/base open and 7.0 emitter to base voltage, static, collector open

Current Rating Per Characteristic:

500.00 amperes source cutoff current

Power Rating Per Characteristic:

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

Maximum Operating Temperature Per Measurement Point:

175.0 degrees celsius junction

Special Features:

Junction pattern arrangement: npn

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.).

Terminal Type And Quantity:

3 uninsulated wire lead

Specification Data:

81349-mil-prf-19500/181 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.