

View Online at <https://aerobasegroup.com/nsn/5961-01-243-1931>

Inclosure Material:

Metal

Overall Length:

Between 0.305 inches and 0.335 inches

Terminal Length:

0.500 inches

Overall Diameter:

Between 0.335 inches and 0.370 inches

Internal Configuration:

Field effect

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

To-205af

Electrode Internally-electrically Connected To Case:

Drain

Mounting Method:

Terminal

Terminal Circle Diameter:

0.200 inches

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

400.0 drain to gate voltage and 400.0 drain to source voltage and 20.0 gate to source voltage

Current Rating Per Characteristic:

1.25 amperes drain current and 1.25 amperes source current and 5.50 amperes off-state current, peak

Power Rating Per Characteristic:

15.0 watts total power dissipation

Maximum Operating Temperature Per Measurement Point:

150.0 degrees celsius junction

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-s-19500/556 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A110a0

Mil-std (military Standard):

Mil-prf-19500 spec.