

View Online at <https://aerobasegroup.com/nsn/5961-01-180-6740>

Inclosure Material:

Metal

Overall Length:

1.573 inches

Overall Height:

0.360 inches

Overall Width:

1.050 inches

Mounting Facility Quantity:

2

Internal Configuration:

Field effect

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

To-204aa

Electrode Internally-electrically Connected To Case:

Drain

Mounting Method:

Unthreaded hole

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

500.0 drain to source voltage and 500.0 drain to gate voltage and 20.0 gate to source voltage

Current Rating Per Characteristic:

12.00 amperes source current and 48.00 amperes off-state current, peak

Power Rating Per Characteristic:

150.0 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:

2 uninsulated wire lead and 1 case

Specification Data:

81349-mil-prf-19500/543 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.