

View Online at <https://aerobasegroup.com/nsn/5961-01-375-3621>

Inclosure Material:

Metal and glass

Overall Length:

Between 0.790 inches and 0.800 inches

Terminal Length:

Between 0.530 inches and 0.550 inches

Overall Height:

Between 0.249 inches and 0.260 inches

Overall Width:

Between 0.535 inches and 0.545 inches

Internal Configuration:

Field effect

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

To-254aa

Mounting Method:

Terminal

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

-20.0 gate to source voltage and 20.0 gate to source voltage and 500.0 breakdown voltage, drain-to-source, with all other terminals short-circuited to source

Current Rating Per Characteristic:

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

Power Rating Per Characteristic:

150.0 watts total power dissipation

Maximum Operating Temperature Per Measurement Point:

150.0 degrees celsius ambient air

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:

3 uninsulated wire lead

Specification Data:

81349-mil-s-19500/592 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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