

View Online at <https://aerobasegroup.com/nsn/5961-01-199-0383>

Inclosure Material:

Metal

Overall Length:

1.573 inches

Overall Height:

0.500 inches

Overall Width:

1.050 inches

Function For Which Designed:

Switching

Mounting Facility Quantity:

2

Internal Configuration:

Field effect

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

To-3

Mounting Method:

Unthreaded hole

Features Provided:

Hermetically sealed case and quality assurance level txv

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

500.0 drain to source voltage and 500.0 drain to gate voltage

Current Rating Per Characteristic:

4.50 amperes source current and 7.00 amperes off-state current, peak

Power Rating Per Characteristic:

75.0 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:

2 unthreaded hole and 1 case

Specification Data:

81349-mil-s-19500/542 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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