

View Online at <https://aerobasegroup.com/nsn/5961-01-235-3274>

Inclosure Material:

Metal

Overall Length:

1.573 inches

Overall Height:

0.420 inches

Overall Width:

1.050 inches

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 s

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

100.0 drain to gate voltage and 100.0 drain to source voltage

Current Rating Per Characteristic:

70.00 amperes off-state current, peak and 38.00 amperes source current and 38.00 amperes dark 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:

2 pin and 1 case

Specification Data:

81349-mil-s-19500/543 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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