

View Online at <https://aerobasegroup.com/nsn/5961-01-346-2338>

Inclosure Material:

Metal

Overall Length:

Between 0.160 inches and 0.180 inches

Terminal Length:

Between 0.500 inches and 0.750 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

Features Provided:

Hermetically sealed case

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

-100.0 drain to gate voltage and -100.0 drain to source voltage and 20.0 emitter to base voltage, static, collector open

Current Rating Per Characteristic:

6.50 amperes drain current

Power Rating Per Characteristic:

25.0 watts total device dissipation

Maximum Operating Temperature Per Measurement Point:

150.0 degrees celsius junction

Test Data Document:

07187-8507002 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

3 uninsulated wire lead

Specification Data:

81349-mil-s-19500/564 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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