

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

**Fiig:**

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