

View Online at <https://aerobasegroup.com/nsn/5961-01-387-3254>

**Inclosure Material:**

Metal

**Overall Length:**

0.180 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

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

**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 gate to source voltage

**Current Rating Per Characteristic:**

25.00 amperes off-state current, peak

**Power Rating Per Characteristic:**

25.0 watts total power dissipation

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Test Data Document:**

08748-tr169 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-prf-19500/564 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0

**Mil-std (military Standard):**

Mil-prf-19500 spec.