

View Online at <https://aerobasegroup.com/nsn/5961-01-431-5525>

**Inclosure Material:**

Metal

**Overall Length:**

0.180 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.335 inches

**End Application:**

Pacer dawn

**Internal Configuration:**

Field effect

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

To-39

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Criticality Code Justification:**

Nhcf

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 drain to source voltage and 100.00 drain to gate voltage

**Current Rating Per Characteristic:**

8.00 amperes forward current, average not applicable and 8.00 amperes repetitive peak forward current minor and 32.00 amperes forward current, average any acceptable

**Power Rating Per Characteristic:**

25.0 watts small-signal input power, common-collector preset

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius ambient air

**Special Features:**

Selected item

**Nuclear Hardness Critical Feature:**

Hardened

**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.). And 0bfa5- 34095173 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

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0