

View Online at <https://aerobasegroup.com/nsn/5961-00-394-9923>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.330 inches and 0.505 inches

**Mounting Facility Quantity:**

1

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

To-48

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.544 inches and 0.562 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

1000.0 repetitive peak off-state voltage

**Current Rating Per Characteristic:**

45.00 amperes forward current, total rms nanoamperes

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius junction

**Precious Material And Location:**

Terminal surfaces silver

**Precious Material:**

Silver

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 threaded stud and 2 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0