

View Online at <https://aerobasegroup.com/nsn/5961-01-212-7212>

**Inclosure Material:**

Ceramic

**Overall Length:**

46.0 millimeters

**Mounting Facility Quantity:**

1

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

To-83

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

27.0 millimeters

**Thread Size:**

0.500 inches

**Voltage Rating In Volts Per Characteristic:**

400.0 repetitive peak reverse voltage and 500.0 nonrepetitive peak reverse voltage and -400.0 repetitive peak off-state voltage

**Current Rating Per Characteristic:**

140.00 amperes drain current horsepower metric and 90.00 amperes drain current universal and 100.00 milliamperes drain current absolute

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius junction

**Special Features:**

4storage temp. Range=-40 to 150 deg. C.; the ceramic of the isolated stud pkg. Contains beryllium oxide. Do not crush, grind, or abrade this part because the dust resulting from such action may be hazardous if inhaled. Disposal should be by burial

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

2 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0