

View Online at <https://aerobasegroup.com/nsn/5961-01-075-9103>

**Inclosure Material:**

Metal

**Overall Length:**

1.810 inches

**Mounting Facility Quantity:**

1

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

To-83

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

1.062 inches

**Thread Size:**

0.500 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

800.0 repetitive peak reverse voltage

**Current Rating Per Characteristic:**

40.00 amperes forward current, total rms universal and 100.00 milliamperes forward current, total rms preset

**Power Rating Per Characteristic:**

16.0 watts small-signal input power, common-collector blank

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius junction

**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:**

No

**Fiig:**

A110a0