

View Online at <https://aerobasegroup.com/nsn/5961-01-089-8861>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.250 inches and 0.270 inches

**Overall Diameter:**

Between 0.490 inches and 0.510 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage, dc and 70.0 collector to emitter voltage/static/base open and 4.0 emitter to base voltage, dc

**Current Rating Per Characteristic:**

8.00 amperes source cutoff current

**Power Rating Per Characteristic:**

80.0 watts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

96214-804087 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)

**Thread Series Designator:**

Unc

**Terminal Type And Quantity:**

1 tab, solder lug and 2 ribbon

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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