

View Online at <https://aerobasegroup.com/nsn/5961-01-080-2642>

**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Overall Height:**

0.345 inches

**Overall Width:**

1.050 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-3

**Electrode Internally-electrically Connected To Case:**

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

0.8 base to emitter voltage, dc and 0.6 collector to emitter voltage, dc

**Current Rating Per Characteristic:**

0.70 milliamperes zero-gate-voltage source current absolute and 5.00 milliamperes zero-gate-voltage source current major

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

V<sub>be</sub> and w are min ratings; lead length is 0.400 in. Min; junction pattern arrangement: npn

**Test Data Document:**

24429-10-19655 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:**

1 case and 2 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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