

View Online at <https://aerobasegroup.com/nsn/5961-01-074-7038>

**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Overall Height:**

0.350 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

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

5.0 emitter to base voltage, static, collector open and 50.0 collector to base voltage/static/emitter open and 50.0 collector to emitter voltage, dc with specified circuit between base and emitter

**Current Rating Per Characteristic:**

16.00 amperes zero-gate-voltage source current blank and 7.00 amperes zero-gate-voltage source current of standard range

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

2 pin and 1 case

**Specification Data:**

80131-release 6416 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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