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**Inclosure Material:**

Metal

**Overall Length:**

3.327 inches

**Overall Diameter:**

1.227 inches

**Mounting Facility Quantity:**

1

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

To-94

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

Anode

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

1.047 inches

**Thread Size:**

0.500 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

600.0 forward voltage, peak and 720.0 reverse voltage, instantaneous and 750.0 reverse voltage, peak and 10.0 forward gate to source voltage and 5.0 reverse gate to source voltage

**Current Rating Per Characteristic:**

2.00 amperes zero-gate-voltage source current horsepower metric

**Power Rating Per Characteristic:**

5.0 watts small-signal input power, common-collector blank and 0.5 watts any acceptable universal

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius case

**Special Features:**

One cathode lead (small wire w/lug) may be cut off if not needed.

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 insulated wire lead w/terminal lug and 1 threaded stud

**Specification Data:**

80131-release4287 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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