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**Inclosure Material:**

Metal

**Overall Length:**

1.639 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

T0-118

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

Gate

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

1.690 inches

**Thread Size:**

0.175 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

500.0 off-state voltage, rms total

**Current Rating Per Characteristic:**

400.00 amperes forward current, total rms horsepower metric

**Maximum Operating Temperature Per Measurement Point:**

125.00 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnpn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 insulated wire lead w/terminal lug and 2 uninsulated wire lead w/terminal lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0