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**Inclosure Material:**

Metal

**Overall Length:**

Between 0.300 inches and 0.400 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

Anode

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.424 inches and 0.437 inches

**Thread Size:**

0.190 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

75.0 breakdown voltage, emitter-to-base, collector open and 10.0 peak negative gate voltage and 50.0 reverse voltage, peak

**Current Rating Per Characteristic:**

2.00 amperes forward current, total rms blank and 4.70 amperes forward current, total rms megahertz and 60.00 amperes forward current, total rms watts

**Power Rating Per Characteristic:**

5.0 watts small-signal input power, common-collector blank

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Must meet all test requirements of westinghouse dwg 58or299; junction pattern arrangement: npnp

**Test Data Document:**

97942-580r299 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:**

Unf

**Terminal Type And Quantity:**

2 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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