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**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Overall Height:**

0.450 inches

**Overall Width:**

1.050 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-41

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Germanium

**Voltage Rating In Volts Per Characteristic:**

80.0 breakdown voltage, collector-to-base, emitter open and 40.0 breakdown voltage, collector-to-emitter, base open and 40.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

15.00 amperes source cutoff current and 5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

90.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

81349-mil-s-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

2 pin

**Specification Data:**

81349-mil-s-19500/68 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A110a0