

View Online at <https://aerobasegroup.com/nsn/5961-01-324-5886>

**Inclosure Material:**

Metal

**Overall Length:**

0.260 inches

**Terminal Length:**

1.750 inches

**Overall Diameter:**

0.370 inches

**Internal Configuration:**

Junction contact-darlington connected

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

To-33

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

Collector

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case and quality assurance level txv

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

150.0 collector to base voltage/static/emitter open and 150.0 collector to emitter reverse voltage and 12.0 emitter to base voltage, dc

**Current Rating Per Characteristic:**

10.00 amperes source cutoff current and 0.50 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

1000.0 static forward current transfer ratio, common-emitter and 10000.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius ambient air

**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:**

4 uninsulated wire lead

**Specification Data:**

81349-mil-s-19500/472 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0