View Online at https://aerobasegroup.com/nsn/5961-01-063-9259

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.240 inches and 0.260 inches

**Terminal Length:**

0.250 inches

**Overall Diameter:**

Between 0.335 inches and 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

**Internal Junction Configuration:**

Npn

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

12.0  emitter to base voltage,  dc and 80.0  collector to base voltage,  dc and 80.0  collector to emitter reverse voltage

**Current Rating Per Characteristic:**

5.00 amperes source cutoff current  and 0.50 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Tempurature Per Measurement Point:**

200.0 degrees celsius ambient air

**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/el/ government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0