

View Online at <https://aerobasegroup.com/nsn/5961-01-084-6710>

**Inclosure Material:**

Metal

**Overall Length:**

1.525 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-63

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

Collector

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

Between 0.855 inches and 0.875 inches

**Thread Size:**

0.312 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

300.0 collector to base voltage/static/emitter open and 200.0 collector to emitter voltage/static/base open and 10.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

20.00 amperes source cutoff current

**Power Rating Per Characteristic:**

150.0 watts small-signal input power, common-collector absolute

**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.).

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 threaded stud and 3 tab, solder lug

**Specification Data:**

81349-mil-s-19500/412/usaf/ government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A110a0