

View Online at <https://aerobasegroup.com/nsn/5961-00-139-1931>

**Inclosure Material:**

Metal

**Overall Length:**

1.252 inches

**Overall Height:**

0.340 inches

**Overall Width:**

0.700 inches

**End Application:**

Missile, air-to-air phoenix (aim-54); aircraft, sof (ac-130h, mc-130h, ec-130e, hc-130); radar, series an/sps-4 (v); airborne mobile dir air spt ctl (21d), (02m jul 83) (an/uyq-3a); radio transmitter set, an/urt-23 (rts); sukpport equipment, b-52 aircraft; support equipment, b-1 aircraft; radar set, an/pps-5b; communications terminal, satellite an/gsc-39(v) 1

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-213aa

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

Collector

**Mounting Method:**

Unthreaded hole

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

-60.0 collector to base voltage/static/emitter open and -60.0 collector to emitter voltage/static/base open and -7.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

Between -2.00 amperes source cutoff current and -4.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnp; weapon system essential

**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 and 1 case

**Specification Data:**

81349-mil-s-19500/441 government specification

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0