

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