

View Online at <https://aerobasegroup.com/nsn/5961-01-057-3305>

Inclosure Material:

Metal

Overall Length:

Between 0.293 inches and 0.357 inches

Terminal Length:

Between 1.000 inches and 1.625 inches

Overall Diameter:

Between 0.215 inches and 0.235 inches

End Application:

Central office, telephone auto; aircraft, ailifter c-17a; support equipment, b-52 aircraft; aircraft, ac-130h, mc-130h, ec-130e, hc-130; regency net system (an/trc-179 (v), an/frc-180 (v), an/grc-215); helicopter, carrier based asw, sh-60f; an/uyk- (v) sonar/fire control tactical computer; support equipment, b-1 aircraft; usns stalwart class tagos; guided missile system; ram ex43

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

Do-13

Mounting Method:

Terminal

Features Provided:

Hermetically sealed case

Criticality Code Justification:

Feat

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

231.0 breakdown voltage, dc

Current Rating Per Characteristic:

4.60 amperes forward current, average horsepower metric

Power Rating Per Characteristic:

1500.0 watts small-signal input power, common-collector pascal

Maximum Operating Temperature Per Measurement Point:

175.0 degrees celsius ambient air

Special Features:

Weapon system essential; junction pattern arrangement: pn

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 insulated wire lead

Specification Data:

81349-mil-s-19500/507 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Fig:

A110a0