

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