

View Online at <https://aerobasegroup.com/nsn/5961-01-200-4075>

**Inclosure Material:**

Metal

**Overall Length:**

1.218 inches

**End Application:**

F-16 simulator; aircraft; spt equipment, mx peacekeeper; aircraft, a

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-59

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.437 inches

**Thread Size:**

0.190 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.5 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

7.0 small-signal short-circuit forward current transfer ratio, common-emitter

**Special Features:**

Weapon system essential; junction pattern arrangement: pnp

**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:**

3 tab, solder lug

**Specification Data:**

81349-mil-s-19500/535 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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