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**Inclosure Material:**

Metal

**Overall Length:**

1.245 inches

**Overall Diameter:**

0.610 inches

**End Application:**

C-141 starlifter, c-130 hercules, c-5 galaxy, b-52 stratofortress, sof (ac-130h, mc-130h, ec-130e, hc-130, f-111 aircraft. H-3 green giant, h-53 super jolly helicopters.

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.687 inches

**Thread Size:**

0.250 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

185.0 collector to base voltage/static/emitter open and 185.0 collector-to-emitter, resistance between base and emitter and 8.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

10.00 amperes source cutoff current

**Power Rating Per Characteristic:**

50.0 watts small-signal input power, common-collector

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius ambient air

**Special Features:**

Weapon system essential. Features - junction pattern arrangement: npn.

**Test Data Document:**

80249-s2770 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

**Shelf Life:**

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0