

View Online at <https://aerobasegroup.com/nsn/5961-00-189-2941>

**Inclosure Material:**

Metal

**Overall Length:**

0.260 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.370 inches

**End Application:**

485I tacs. C-18a, ec-18b aircraft. Low altitude navigation & targeting infrared system (lantirn). Ground mobile force satellite comm term (an/tsc-85a).

**Internal Configuration:**

Junction contact

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

To-39

**Electrode Internally-electrically Connected To Case:**

Collector

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**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:**

Between 1.00 amperes source cutoff current and 2.00 amperes source cutoff current

**Power Rating Per Characteristic:**

7.0 watts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Weapon system essential. Features - junction pattern arrangement: pnp 80131-release5610.

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Specification Data:**

80131-release5610 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0