

View Online at <https://aerobasegroup.com/nsn/5961-01-324-3550>

**Inclosure Material:**

Metal

**Overall Length:**

1.548 inches

**Overall Height:**

Between 0.280 inches and 0.350 inches

**Overall Width:**

1.105 inches

**End Application:**

Transmitter group ot-12 (v) tpq-37. Radar, firefinder, an/tpq-36 and an/tpq-37.

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact-darlington connected

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

T0.3

**Mounting Method:**

Unthreaded hole

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

500.0 collector to base voltage/static/emitter open and 500.0 collector to emitter reverse voltage and 500.0 collector-to-emitter, sustaining voltage, base open-circuited and 7.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

Between 2.00 amperes source cutoff current and 10.00 amperes source cutoff current

**Power Rating Per Characteristic:**

100.0 watts any acceptable preset

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn. Weapon system essential

**Test Data Document:**

05869-723084-53 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0