

View Online at <https://aerobasegroup.com/nsn/5961-01-092-8208>

**Inclosure Material:**

Metal

**Overall Length:**

1.646 inches

**End Application:**

E-3a awacs aircraft

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.556 inches

**Thread Size:**

0.250 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 repetitive peak reverse voltage and 150.0 nonrepetitive peak reverse voltage and 100.0 repetitive peak off-state voltage

**Current Rating Per Characteristic:**

35.00 amperes forward current, total rms horsepower metric

**Power Rating Per Characteristic:**

5.0 watts small-signal input power, common-collector blank

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius ambient air

**Special Features:**

Weapon system essential; junction pattern arrangement: pnpn

**Test Data Document:**

97942-584r271 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)

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 threaded stud and 2 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A110a0