

View Online at <https://aerobasegroup.com/nsn/5961-01-298-0236>

**Inclosure Material:**

Metal

**Overall Length:**

1.550 inches

**Overall Height:**

0.330 inches

**Overall Width:**

1.550 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact-darlington connected

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

To-3

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

Collector

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

120.0 collector to base voltage/static/emitter open and 120.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

100.00 amperes source cutoff current and 2.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

400.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Weapon system essential; junction pattern arrangement; pnp

**Test Data Document:**

97942-587r904 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:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0