

View Online at <https://aerobasegroup.com/nsn/5961-00-554-8340>

**Inclosure Material:**

Metal

**Overall Length:**

1.550 inches

**Terminal Length:**

0.460 inches

**Overall Height:**

0.375 inches

**Overall Width:**

1.050 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact-darlington connected

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

Collector

**Mounting Method:**

Unthreaded hole

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

80.0 collector to emitter voltage/static/base open and 80.0 collector to base voltage, dc and 5.0 emitter to base voltage, dc

**Current Rating Per Characteristic:**

40.00 amperes source cutoff current and 500.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

97942-581r675 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:**

Yes - demil/mli

**Fiig:**

A110a0