

View Online at <https://aerobasegroup.com/nsn/5961-00-216-4420>

**Inclosure Material:**

Metal

**Overall Length:**

1.480 inches

**Overall Diameter:**

0.850 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

Collector

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

0.870 inches

**Thread Size:**

0.312 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage, dc and 80.0 collector to emitter voltage, dc and 8.0 emitter to base voltage, dc and 0.6 collector to emitter saturation voltage

**Current Rating Per Characteristic:**

10.00 microamperes zero-gate-voltage source current preset and 20.00 amperes source cutoff current

**Power Rating Per Characteristic:**

100.0 watts small-signal input power, common-collector preset

**Transfer Ratio:**

40.0 small-signal short-circuit forward current transfer ratio, common-emitter and 120.0 small-signal short-circuit forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

70143-1300176 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:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A110a0