

View Online at <https://aerobasegroup.com/nsn/5961-01-073-6801>

**Inclosure Material:**

Metal

**Overall Length:**

1.252 inches

**Overall Height:**

0.300 inches

**Overall Width:**

0.700 inches

**End Application:**

F-16 aircraft

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Junction contact

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

To-66

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

Collector

**Mounting Method:**

Unthreaded hole

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 collector to base voltage, dc and 100.0 collector to emitter voltage/static/base open and 6.0 emitter to base voltage, instantaneous

**Current Rating Per Characteristic:**

7.00 amperes source cutoff current and 1.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Test Data Document:**

07148-80918 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