

View Online at <https://aerobasegroup.com/nsn/5961-01-196-1894>

**Inclosure Material:**

Metal

**Overall Length:**

0.210 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.230 inches

**Internal Configuration:**

Point contact

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

To-18

**Response Time:**

500.0 nanoseconds

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.100 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Gallium phosphide

**Voltage Rating In Volts Per Characteristic:**

50.0 collector to base voltage/static/emitter open and 30.0 collector to emitter voltage/static/base open and 7.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

50.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

250.0 milliwatts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

125.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: npn

**Precious Material And Location:**

External surfaces gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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