

View Online at <https://aerobasegroup.com/nsn/5961-00-975-1005>

**Inclosure Material:**

Metal

**Overall Length:**

0.260 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.370 inches

**Internal Configuration:**

Junction contact

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

To-5

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

Collector

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

-50.0 collector to base voltage/static/emitter open and -5.0 emitter to base voltage, static, collector open and -50.0 collector to emitter reverse voltage and -40.0 collector to emitter voltage/static/base open

**Current Rating Per Characteristic:**

-600.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: pnp

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**Test Data Document:**

10001-2090240 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:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0