

View Online at <https://aerobasegroup.com/nsn/5961-01-374-7145>

**Inclosure Material:**

Plastic

**Overall Length:**

Between 2.8 millimeters and 3.0 millimeters

**Overall Height:**

1.1 millimeters

**Overall Width:**

Between 1.2 millimeters and 1.4 millimeters

**Internal Configuration:**

Junction contact

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

Sot-23

**Mounting Method:**

Terminal

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

45.0 breakdown voltage, collector-to-emitter, with base short-circuited to emitter and 45.0 breakdown voltage, collector-to-emitter, base open and 5.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

200.00 milliamperes source cutoff current and 50.00 milliamperes source cutoff current

**Power Rating Per Characteristic:**

250.0 milliwatts any acceptable preset

**Transfer Ratio:**

90.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Junction pattern arrangement: npn

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A110a0