

View Online at <https://aerobasegroup.com/nsn/5961-01-579-6640>

**Inclosure Material:**

Plastic

**Overall Length:**

Between 1.8 millimeters and 2.2 millimeters

**Terminal Length:**

Between 0.6 millimeters and 0.8 millimeters

**Overall Height:**

Between 0.8 millimeters and 1.1 millimeters

**Overall Width:**

Between 2.0 millimeters and 2.2 millimeters

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

Sot-323

**Mounting Method:**

Terminal

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

30.0 collector to base voltage/static/emitter open and 50.0 collector to base voltage/static/emitter open and 30.0 collector-to-emitter, sustaining voltage, base open-circuited and 45.0 collector-to-emitter, sustaining voltage, base open-circuited

**Current Rating Per Characteristic:**

100.00 milliamperes collector current, dc

**Power Rating Per Characteristic:**

200.0 milliwatts total power dissipation

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction and 150.0 degrees celsius ambient air

**Product Name:**

Npn general purpose transistor

**Special Features:**

Applications include low noise stages in tape recorders, hi-fi amps and other audio-frequency equipment

**Terminal Type And Quantity:**

3 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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