

View Online at <https://aerobasegroup.com/nsn/5961-01-478-4342>

**Semiconductor Material:**

Silicon alloy

**Voltage Rating In Volts Per Characteristic:**

38.0 breakdown voltage, collector-to-base, emitter open and 18.0 breakdown voltage, collector-to-emitter, base open and 4.0 breakdown voltage, emitter-to-base, collector open

**Current Rating Per Characteristic:**

Between 500.00 milliamperes source cutoff current and 1000.00 milliamperes source cutoff current and 0.25 milliamperes zero-gate-voltage source current preset

**Power Rating Per Characteristic:**

12.0 watts small-signal input power, common-emitter peak

**Transfer Ratio:**

5.0 static forward current transfer ratio, common-emitter

**Special Features:**

derate j to c 68.0 milliwatts; on-state current 50 megahertz; part name assigned by controlling agency - silicon npn power transistor

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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