

View Online at <https://aerobasegroup.com/nsn/5961-01-535-1428>

**Overall Length:**

Between 0.173 inches and 0.185 inches

**Overall Height:**

Between 0.055 inches and 0.067 inches

**Overall Width:**

Between 0.146 inches and 0.177 inches

**Function For Which Designed:**

Amplifier

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

140.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 7.0 emitter to base voltage, static, collector open

**Current Rating Per Characteristic:**

1.00 amperes source cutoff current

**Power Rating Per Characteristic:**

1.2 watts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Product Name:**

Surface mount npn silicon transistor

**Special Features:**

Sot-89 case; manufactured by the epitaxial planar process, epoxy molded; designed for high current general purpose amplifier applications

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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