

View Online at <https://aerobasegroup.com/nsn/5961-01-376-5417>

**Inclosure Material:**

Metal

**Overall Length:**

1.453 inches

**Terminal Length:**

0.450 inches

**Overall Diameter:**

0.667 inches

**Mounting Facility Quantity:**

1

**Mounting Method:**

Threaded stud

**Cubic Measure:**

2.030 cubic inches

**Thready Qty Per Inch (tpi):**

28

**Thread Size:**

0.125 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

400.0 emitter to collector voltage, floating potential, dc with base biased in reverse direction with respect to the collector

**Current Rating Per Characteristic:**

50.00 amperes peak forward surge current megahertz

**Power Rating Per Characteristic:**

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

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Nuclear hardness critical item; junction pattern arrangement: pn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 threaded stud and 1 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0