

View Online at <https://aerobasegroup.com/nsn/5961-01-149-1095>

**Inclosure Material:**

Metal

**Overall Length:**

0.850 inches

**End Application:**

Ticonderoga class cg (47); spruance class dd (963); forrestal class cv; nimitz class cvn; kidd class ddg; oliver perry class ffg; wasp class lhd; tarawa class lha; emory s land class as

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

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

To-61

**Electrode Internally-electrically Connected To Case:**

Collector

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.687 inches

**Thread Size:**

0.250 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

400.0 collector to emitter voltage/static/base open and 500.0 collector to base voltage/static/emitter open and 5.0 emitter to base voltage, dc

**Current Rating Per Characteristic:**

15.00 amperes source cutoff current blank and 10.00 amperes source cutoff current and 5.00 amperes source cutoff current

**Power Rating Per Characteristic:**

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

**Transfer Ratio:**

7.0 static forward current transfer ratio, common-emitter and 60.0 static forward current transfer ratio, common-emitter

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius junction

**Special Features:**

Weapon system essential; junction pattern arrangement: npn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

3 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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