

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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