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Inclosure Material:

Metal

Overall Length:

0.185 inches

Terminal Length:

0.500 inches

Overall Diameter:

0.370 inches

End Application:

Virginia class cgn (41); spruance class dd (963); los angeles class ssn (688); wasp class lhd; oliver perry class ffg; emory s. Land class as; nimitz class cvn; sturgeon class ssn (637); iwo jima class lph

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

To-99

Component Name And Quantity:

2 transistor

Mounting Method:

Terminal

Terminal Circle Diameter:

0.200 inches

Features Provided:

Hermetically sealed case

Criticality Code Justification:

Feat

Semiconductor Material:

Silicon all transistor

Voltage Rating In Volts Per Characteristic:

30.0 breakdown voltage, collector-to-base, emitter open all transistor and 15.0 breakdown voltage, collector-to-emitter, base open all transistor and 3.0 emitter to base voltage, static, collector open all transistor

Current Rating Per Characteristic:

50.00 milliamperes source cutoff current all transistor

Power Rating Per Characteristic:

550.0 milliwatts small-signal input power, common-collector preset all transistor

Transfer Ratio:

50.0 small-signal short-circuit forward current transfer ratio, common-emitter all transistor

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius junction

Special Features:

Weapon system essential; transistors junction pattern arrangement is npn

Terminal Type And Quantity:

8 uninsulated wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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