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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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