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**Inclosure Material:**

Metal

**Overall Length:**

5.580 inches

**Function For Which Designed:**

Rectifier

**End Application:**

Strategic weapon systems (poseidon and trident). Phoenix air to ai (aim-54) missile.

**Mounting Facility Quantity:**

1

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

Do-8

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

1.063 inches

**Thread Size:**

0.375 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

500.0 repetitive peak reverse voltage, peak total value

**Current Rating Per Characteristic:**

100.00 amperes forward current, average absolute

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Weapon system essential; junction pattern arrangement: pn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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