

View Online at <https://aerobasegroup.com/nsn/5961-01-227-0266>

**Inclosure Material:**

Metal

**Overall Length:**

1.646 inches

**End Application:**

Next generation radar doppler meteorological radar (nexrad); an/sps-40e radar; over the horizon back scanner (oth-b) program (an/fps-118); spruance class dd (963); blue ridge class lcc-19; mine countermeasures support (mcs) class (lph-12); tarawa class lha; whidbey island class lsd; austin ship class lpd-4 amphibious transport docks

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Junction contact

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

0.562 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

1200.0 repetitive peak off-state voltage and 1200.0 repetitive peak reverse voltage and 1440.0 nonrepetitive peak reverse voltage

**Current Rating Per Characteristic:**

35.00 amperes forward current, total rms horsepower metric

**Maximum Operating Temperature Per Measurement Point:**

40.0 degrees celsius ambient air

**Special Features:**

Junction pattern arrangement: pnpn

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

2 tab, solder lug and 1 threaded stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A110a0