

View Online at <https://aerobasegroup.com/nsn/5961-01-140-2963>

**Inclosure Material:**

Metal

**Overall Length:**

0.450 inches

**End Application:**

An/sqs53a ec7 03538

**Mounting Facility Quantity:**

1

**Mounting Method:**

Threaded stud

**Features Provided:**

Hermetically sealed case

**Overall Width Across Flats:**

Between 0.667 inches and 0.688 inches

**Thread Size:**

0.250 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

45.0 working peak reverse voltage

**Current Rating Per Characteristic:**

75.00 amperes forward current, average

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Test Data Document:**

03538-7849537 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**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

**Fiig:**

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