

View Online at <https://aerobasegroup.com/nsn/5961-01-186-9696>

**Inclosure Material:**

Metal

**Overall Length:**

1.253 inches

**Function For Which Designed:**

Rectifier

**End Application:**

Missile, air-to-air, phoenix (aim-54); aircraft, airlifter c-17a; helicopter, carrier based asw-sh-60f; arleigh burke class ddg; oliver perry class ffg; an/sq-89 surface ship asw combat system; spruance class dd (963); aircraft, b-2 bomber (atab); ticonderoga class cg (47)

**Mounting Facility Quantity:**

1

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

Do-4

**Electrode Internally-electrically Connected To Case:**

Cathode

**Mounting Method:**

Threaded stud

**Overall Width Across Flats:**

0.437 inches

**Thread Size:**

0.190 inches

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

150.0 reverse voltage, instantaneous and 150.0 working peak reverse voltage

**Current Rating Per Characteristic:**

400.00 amperes forward current, average preset

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius junction

**Special Features:**

Weapon system essential

**Test Data Document:**

81349-mil-prf-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Thread Series Designator:**

Unf

**Terminal Type And Quantity:**

1 tab, solder lug and 1 threaded stud

**Specification Data:**

81349-mil-prf-19500/478 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A110a0

**Mil-std (military Standard):**

Mil-prf-19500 spec.