

View Online at <https://aerobasegroup.com/nsn/5961-01-339-4247>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.160 inches and 0.180 inches

**Terminal Length:**

Between 0.500 inches and 0.750 inches

**Overall Diameter:**

Between 0.335 inches and 0.370 inches

**Function For Which Designed:**

Rectifier

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

To-205af

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

Cathode

**Mounting Method:**

Terminal

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

54.0 nonrepetitive peak reverse voltage and 45.0 working peak reverse voltage and 45.0 repetitive peak reverse voltage and 45.0 reverse voltage, instantaneous

**Current Rating Per Characteristic:**

3.60 amperes forward current, average absolute and 80.00 amperes forward current, average preset

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**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.).

**Terminal Type And Quantity:**

2 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A110a0

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

Mil-prf-19500 spec.