

View Online at <https://aerobasegroup.com/nsn/5961-01-501-3615>

**Inclosure Material:**

Glass

**Overall Length:**

0.300 inches

**Terminal Length:**

1.500 inches

**Overall Diameter:**

0.107 inches

**Function For Which Designed:**

Voltage regulator

**End Application:**

C-17 aircraft

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

1.6 limiting voltage

**Current Rating Per Characteristic:**

1.60 amperes source cutoff current pascal and 200.00 milliamperes forward current, average peak

**Power Rating Per Characteristic:**

600.0 milliwatts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

175.0 degrees celsius ambient air

**Special Features:**

Metallurgically bonded leads; drawing item name semiconductor device, diode, silicon, current regulator; junction pattern arrangement: pn

**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

**Fig:**

A110a0

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

Mil-prf-19500 spec.