Diode Semiconductor Device - Page 1 of 1



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# Inclosure Material:

Glass

## Overall Length:

Between 0.230 inches and 0.300 inches

# Terminal Length:

Between 1.000 inches and 1.500 inches

### **Overall Diameter:**

Between 0.085 inches and 0.130 inches

### Function For Which Designed:

Voltage reference

#### **Mounting Method:**

Terminal

#### Features Provided:

Hermetically sealed case

#### Semiconductor Material:

Silicon

### Voltage Rating In Volts Per Characteristic:

6.51 regulator voltage

### **Current Rating Per Characteristic:**

35.00 milliamperes voltage regulator diode current

### **Power Rating Per Characteristic:**

250.0 milliwatts total power dissipation

# Maximum Operating Tempurature Per Measurement Point:

175.0 degrees celsius ambient air

### **Test Data Document:**

81349-mil-s-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

### **Specification Data:**

81349-mil-s-19500/159 government specification

### Shelf Life:

N/a

# Unit Of Measure:

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### Demilitarization:

No

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