

View Online at <https://aerobasegroup.com/nsn/5980-01-207-9587>

**Inclosure Material:**

Metal

**Overall Length:**

0.520 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.388 inches

**Internal Configuration:**

Point contact

**Internal Junction Configuration:**

Pn

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Gallium arsenide phosphide

**Voltage Rating In Volts Per Characteristic:**

5.0 breakdown voltage, dc

**Current Rating Per Characteristic:**

35.00 milliamperes forward current, dc and 60.00 milliamperes peak point current

**Power Rating Per Characteristic:**

120.0 milliwatts forward power dissipation, peak, total value

**Color Tone Produced Per Source:**

Red semiconductor

**Luminous Intensity:**

6.0 millicandela

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius ambient air

**Precious Material And Location:**

Leads gold

**Precious Material:**

Gold

**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-19500/519 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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