

View Online at <https://aerobasegroup.com/nsn/5980-01-304-2255>

**Inclosure Material:**

Plastic

**Overall Length:**

0.115 inches

**Terminal Length:**

0.450 inches

**Overall Diameter:**

0.100 inches

**Lens Transparency:**

Translucent

**Function For Which Designed:**

Visible light emitting

**Internal Configuration:**

Point contact

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

Collector

**Internal Junction Configuration:**

Pn

**Mounting Method:**

Terminal

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Gallium arsenide phosphide

**Voltage Rating In Volts Per Characteristic:**

5.0 reverse voltage, dc

**Current Rating Per Characteristic:**

7.00 milliamperes source cutoff current preset and 50.00 microamperes forward current, average peak

**Power Rating Per Characteristic:**

24.0 milliwatts small-signal input power, common-collector preset

**Color Tone Produced Per Source:**

Red lens

**Luminous Intensity:**

0.8 millicandela

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius ambient air

**Special Features:**

Weapon system essential

**Terminal Type And Quantity:**

2 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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