

View Online at <https://aerobasegroup.com/nsn/5980-01-078-8499>

**Inclosure Material:**

Plastic

**Overall Length:**

Between 0.310 inches and 0.373 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.230 inches

**Lens Transparency:**

Transparent

**Function For Which Designed:**

Visible light emitting

**End Application:**

Oliver perry class ffg; aircraft, f-16; ticonderoga class cg (47); spruance class dd (963); aircraft, hawkeye e-2c; radar, firefinder, an/tpq-36 and an/tpq-37; forrestal class cv

**Internal Configuration:**

Point contact

**Internal Junction Configuration:**

Pn

**Mounting Method:**

Terminal

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Gallium phosphide

**Voltage Rating In Volts Per Characteristic:**

5.0 repetitive peak reverse voltage

**Current Rating Per Characteristic:**

0.06 amperes all primaries absolute and 30.00 milliamperes collector current, dc

**Power Rating Per Characteristic:**

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

**Color Tone Produced Per Source:**

Green lens

**Luminous Intensity:**

1.6 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

**Specification Data:**

80063-sm-c-800822-5 manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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