

View Online at <https://aerobasegroup.com/nsn/5980-01-106-3797>

**Inclosure Material:**

Plastic

**Overall Length:**

0.500 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.235 inches

**Lens Transparency:**

Translucent

**Function For Which Designed:**

Visible light emitting

**Internal Configuration:**

Point contact

**Internal Junction Configuration:**

Pn

**Mounting Method:**

Terminal

**Semiconductor Material:**

Gallium arsenide phosphide

**Voltage Rating In Volts Per Characteristic:**

3.0 forward voltage, dc and 5.0 reverse breakdown voltage, dc

**Current Rating Per Characteristic:**

30.00 milliamperes source cutoff current preset

**Power Rating Per Characteristic:**

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

**Color Tone Produced Per Source:**

Red lens

**Luminous Intensity:**

10.0 millicandela

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius junction

**Terminal Type And Quantity:**

2 uninsulated wire lead

**Specification Data:**

10241-a516t302-101 manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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