

View Online at <https://aerobasegroup.com/nsn/5980-01-263-2847>

**Inclosure Material:**

Metal

**Overall Length:**

0.120 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

0.360 inches

**Lens Transparency:**

Translucent

**Internal Configuration:**

Point contact

**Joint Electronic Device Engineering Council/jedec/case Outline Designation:**

To-39

**Internal Junction Configuration:**

Pn

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.200 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Gallium arsenide

**Voltage Rating In Volts Per Characteristic:**

5.0 reverse voltage, dc

**Current Rating Per Characteristic:**

10.00 amperes source cutoff current preset

**Power Rating Per Characteristic:**

1000.0 milliwatts small-signal input power, common-collector preset

**Color Tone Produced Per Source:**

Infrared lens

**Maximum Operating Temperature Per Measurement Point:**

100.0 degrees celsius ambient air

**Precious Material And Location:**

External surfaces gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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