

View Online at <https://aerobasegroup.com/nsn/5961-01-272-8944>

**Inclosure Material:**

Metal and glass

**Overall Length:**

Between 0.225 inches and 0.255 inches

**Terminal Length:**

0.500 inches

**Overall Diameter:**

Between 0.209 inches and 0.230 inches

**Function For Which Designed:**

Phototransistor and amplifier

**End Application:**

Aegis

**Internal Configuration:**

Junction contact

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

To-18

**Mounting Method:**

Terminal

**Terminal Circle Diameter:**

0.100 inches

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Gallium arsenide

**Voltage Rating In Volts Per Characteristic:**

25.0 collector to base voltage/static/emitter open and 25.0 collector to emitter voltage/static/base open and 5.0 emitter to collector voltage, dc

**Current Rating Per Characteristic:**

50.00 milliamperes peak forward surge current and 100.00 nanoamperes repetitive peak forward current peak

**Power Rating Per Characteristic:**

250.0 milliwatts small-signal input power, common-collector absolute

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Base lead 0.05 in. Max.; internal junction configuration: npn

**Test Data Document:**

53711-5366069 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

3 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A110a0