

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