

View Online at <https://aerobasegroup.com/nsn/5961-01-073-4752>

Inclosure Material:

Metal

Overall Length:

1.252 inches

Overall Height:

Between 0.250 inches and 0.340 inches

Overall Width:

0.700 inches

End Application:

F-16 aircraft

Internal Configuration:

Junction contact

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

To-66

Electrode Internally-electrically Connected To Case:

Collector

Mounting Method:

Terminal

Features Provided:

Hermetically sealed case

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

100.0 collector to base voltage, dc and 75.0 collector to emitter voltage/static/base open and 7.0 emitter to base voltage, dc

Current Rating Per Characteristic:

Between 5.00 amperes source cutoff current and 13.00 amperes source cutoff current

Power Rating Per Characteristic:

100.0 watts small-signal input power, common-collector absolute

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius junction

Special Features:

Matched pair; junction pattern arrangement: npn

Test Data Document:

07148-90146 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:

2 pin and 1 case

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

A110a0