

View Online at <https://aerobasegroup.com/nsn/5961-01-299-8456>

Inclosure Material:

Metal

Overall Length:

Between 0.240 inches and 0.260 inches

Terminal Length:

0.500 inches

Overall Diameter:

Between 0.350 inches and 0.370 inches

Internal Configuration:

Field effect

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

To-39

Electrode Internally-electrically Connected To Case:

Drain

Mounting Method:

Terminal

Terminal Circle Diameter:

0.200 inches

Features Provided:

Burn in and electrostatic sensitive

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

35.0 breakdown voltage, drain-to-source, with all other terminals short-circuited to source and 15.0 forward gate to source voltage and -0.3 reverse gate to source voltage

Current Rating Per Characteristic:

2.00 amperes drain current and 2.00 milliamperes forward gate current and 100.00 milliamperes reverse gate current with all other terminals short-circuit to source, junction-gate

Power Rating Per Characteristic:

8.33 watts total device dissipation

Maximum Operating Temperature Per Measurement Point:

150.0 degrees celsius junction

Terminal Type And Quantity:

3 uninsulated wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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