

View Online at <https://aerobasegroup.com/nsn/5961-01-523-8492>

Inclosure Material:

Plastic and metal

Overall Length:

29.3 millimeters

Overall Height:

4.5 millimeters

Overall Width:

10.3 millimeters

Overall Diameter:

4.5 millimeters

End Application:

Aircraft, dummy load, electric

Mounting Facility Quantity:

3

Mounting Method:

Terminal and unthreaded hole

Overall Width Across Flats:

0.9 millimeters

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

55.0 drain to source voltage and 55.0 drain to gate voltage and 16.0 gate to source voltage

Current Rating Per Characteristic:

31.00 amperes source cutoff current of standard range and 180.00 amperes source cutoff current universal

Power Rating Per Characteristic:

103.0 watts small-signal input power, common-collector preset

Maximum Operating Temperature Per Measurement Point:

175.0 degrees celsius junction

Product Name:

Transistor

Special Features:

N-channel enhancement mode standard level field-effect power transistor in a plastic envelope using trench technology. The device features very low on-state resistance and has integral zener diodes giving esd protection up to 2kv. It is intended for use in automotive and general purpose switching applications.

Terminal Type And Quantity:

3 pin and 1 unthreaded hole

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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