

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

**Fig:**

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