

View Online at <https://aerobasegroup.com/nsn/5961-01-641-7273>

**Overall Length:**

Between 0.580 inches and 0.610 inches

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

60.0 drain to source voltage and 1.0 gate to source threshold voltage and 2.0 gate to source threshold voltage

**Current Rating Per Characteristic:**

30.0 amperes drain current and 30.0 amperes source current and 21.0 amperes source current

**Power Rating Per Characteristic:**

3.7 watts total power dissipation and 88.0 watts total power dissipation

**Product Name:**

Power mosfet

**Special Features:**

175 °C operating temperature; is a surface mount power package capable of accommodating die sizes up to hex-4. It provides the highest power capability and the lowest possible on-resistance in any existing surface mount package. D2pak is suitable for high current applications because of its low internal connection resistance and can dissipate up to 2.0 w in a typical surface mount application.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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