/ Descriptions

TO-220 N

N-CHANNEL MOSFET in a TO-220 Plastic Package.

/ Features

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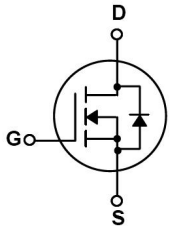
Ultra Low On-Resistance, fast switching.

/ Applications

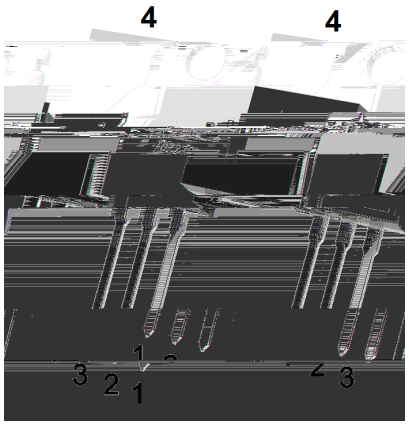
BMS

High frequency switching and synchronous rectification, BMS, Motor.

/ Equivalent Circuit



/ Pinning



PIN1 G PIN 2 4 D PIN 3 S

/ Marking

See Marking Instructions.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Uni

/ Electrical Characteristic Curve

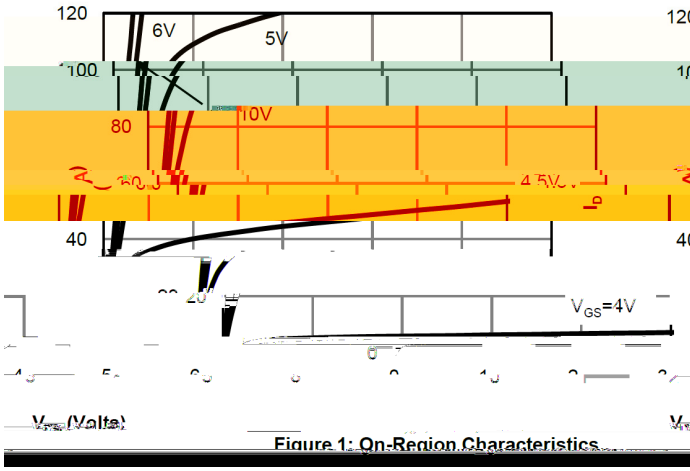


Figure 1: On-Region Characteristics

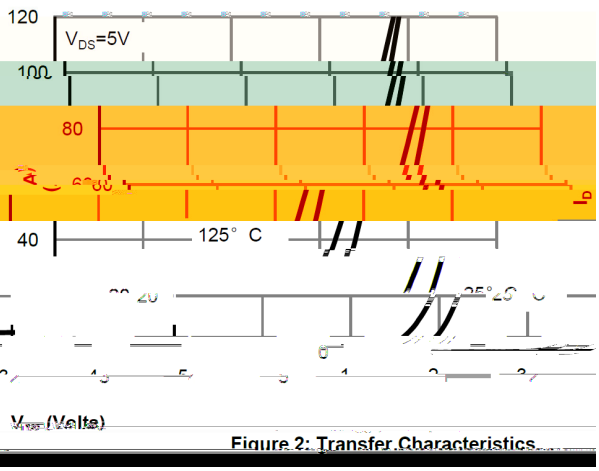
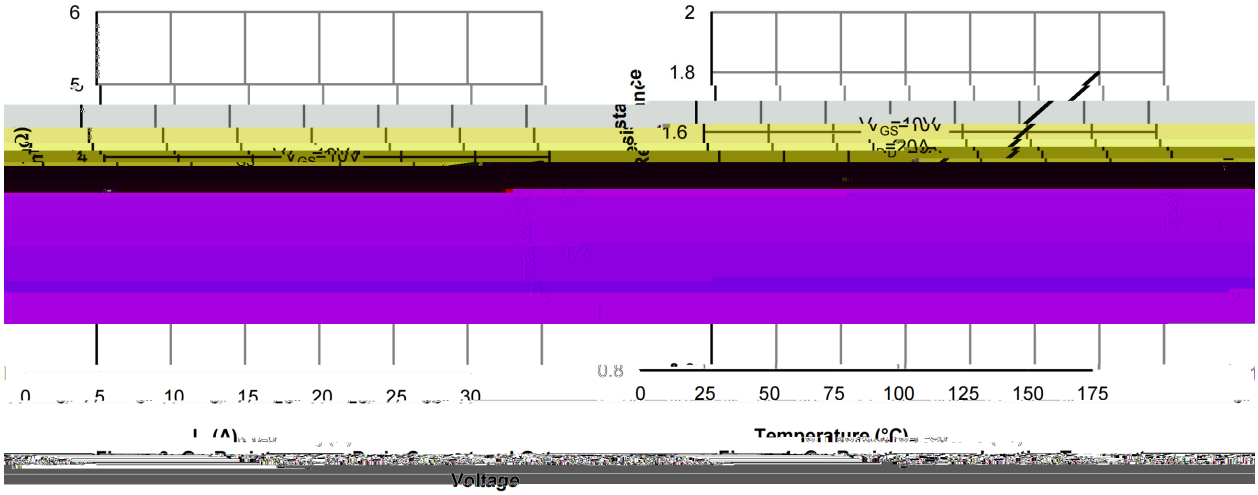
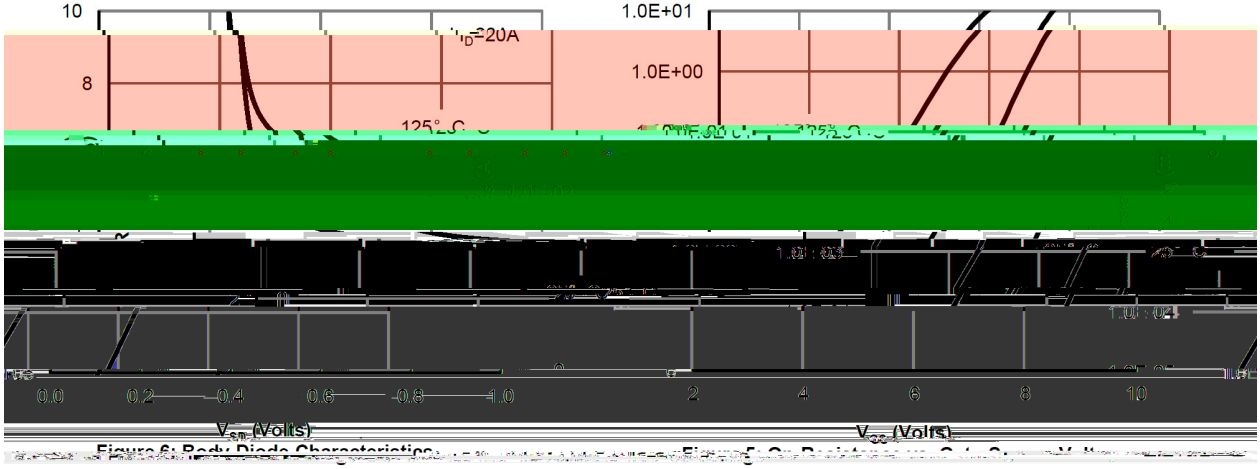


Figure 2: Transfer Characteristics



Voltage



/ Electrical Characteristic Curve

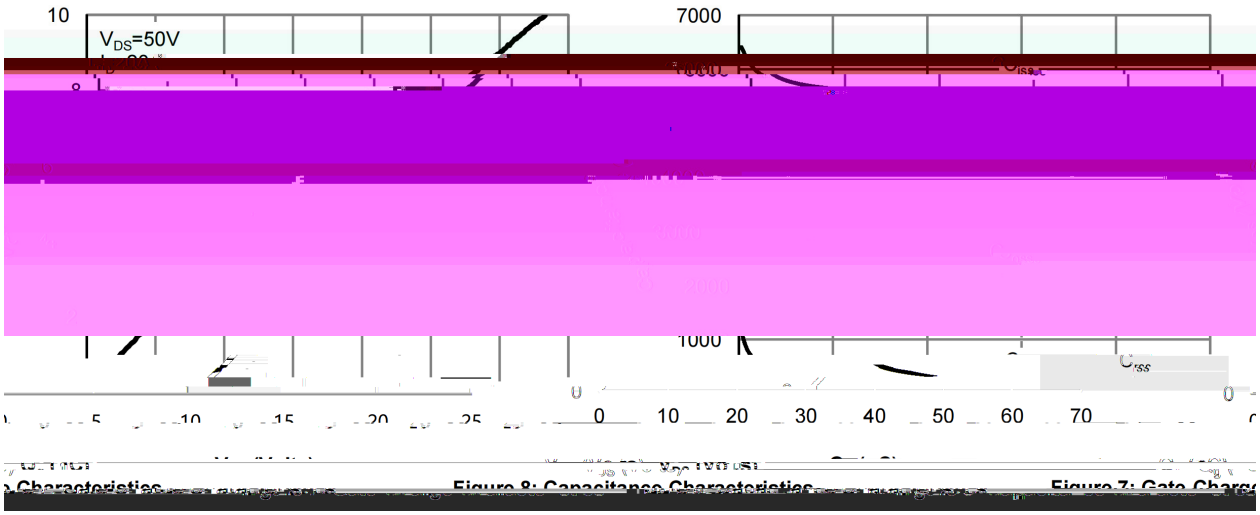
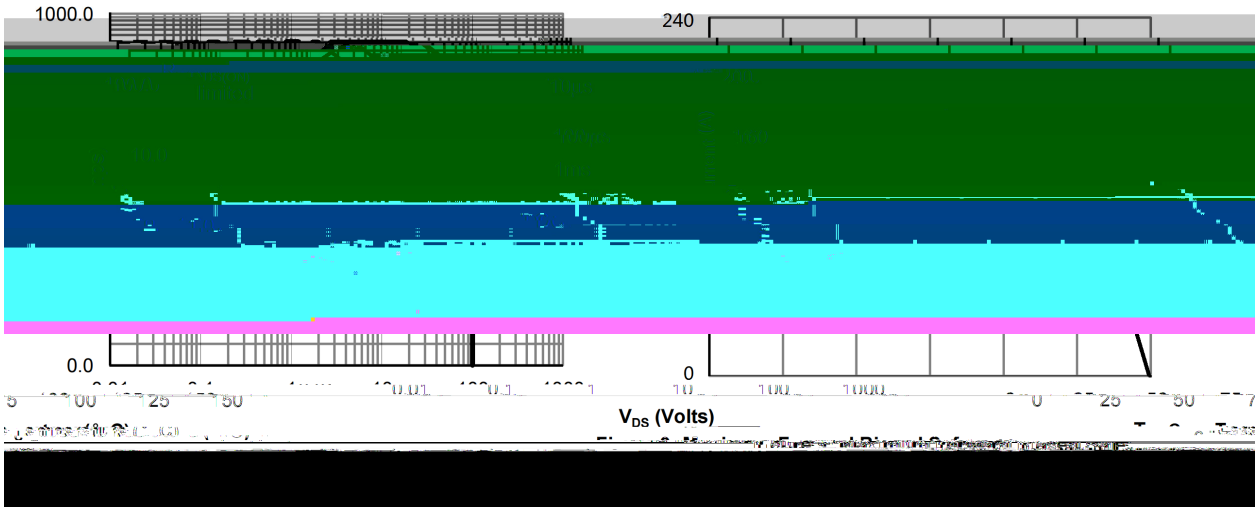


Figure 8: Capacitance Characteristics Figure 7: Gate Charge



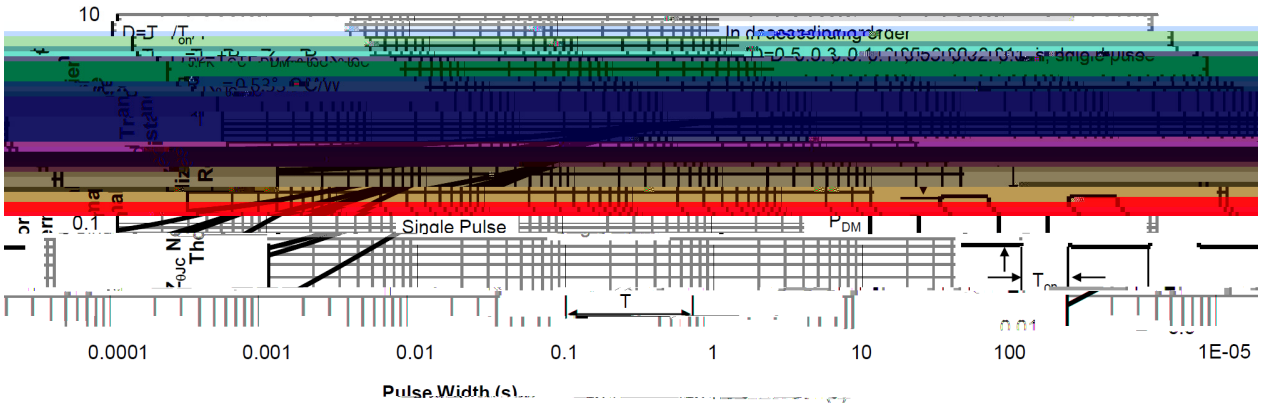
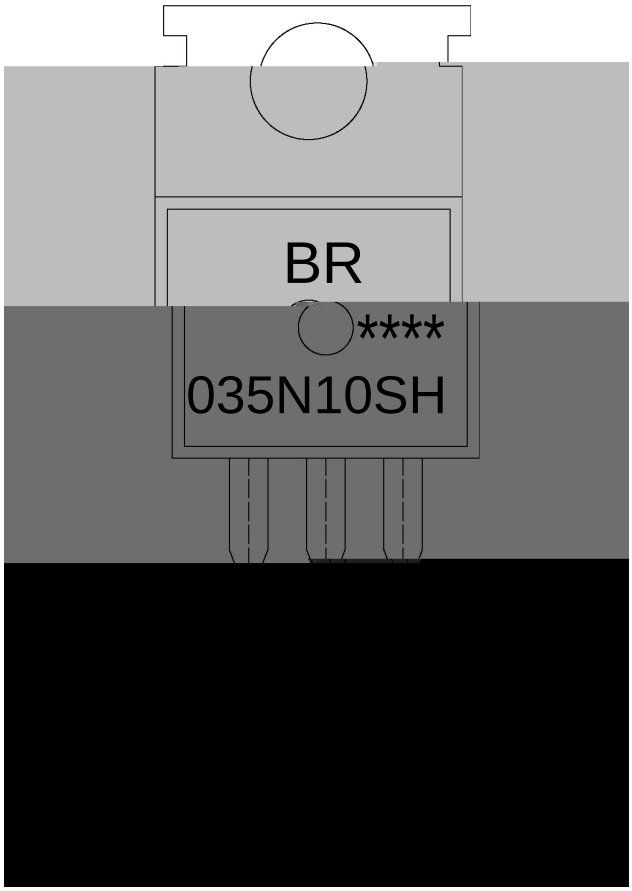


Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



/ Marking Instructions



BR

035N10SH

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Note:

BR:	Company Code
035N10SH:	Product Type
****:	Lot No. Code, code change with Lot No