

/ Descriptions

TO-220 N

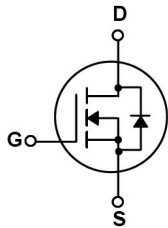
N-CHANNEL MOSFET in a TO-220 Plastic Package.

/ Features

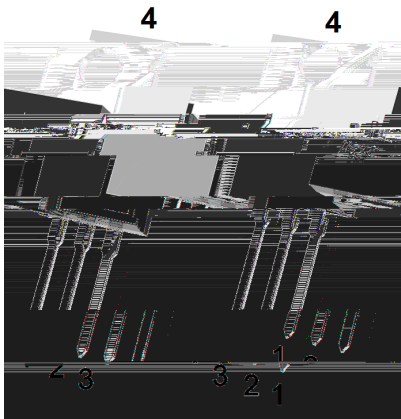
/ Applications

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	Unit
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/ Electrical Characteristic Curve

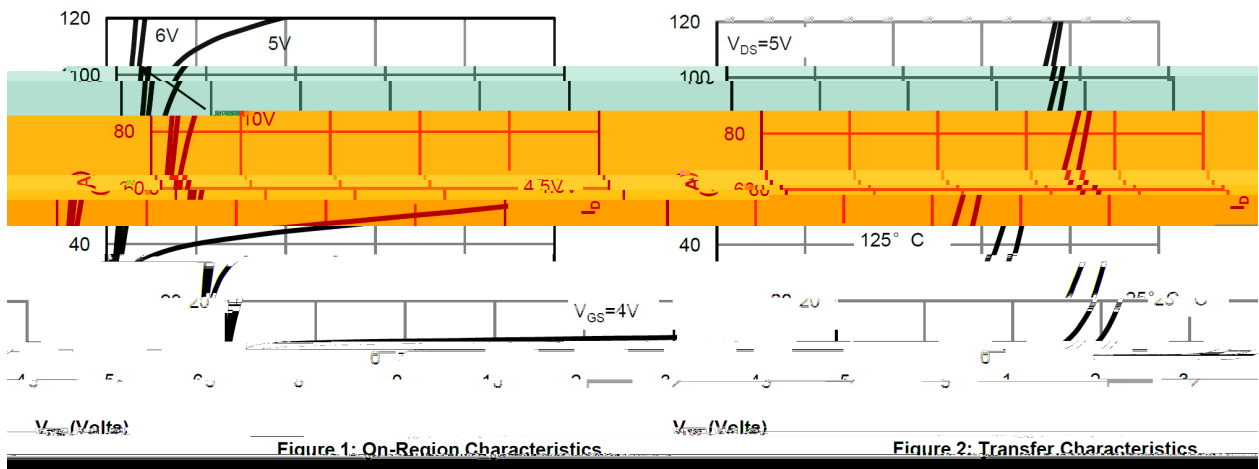
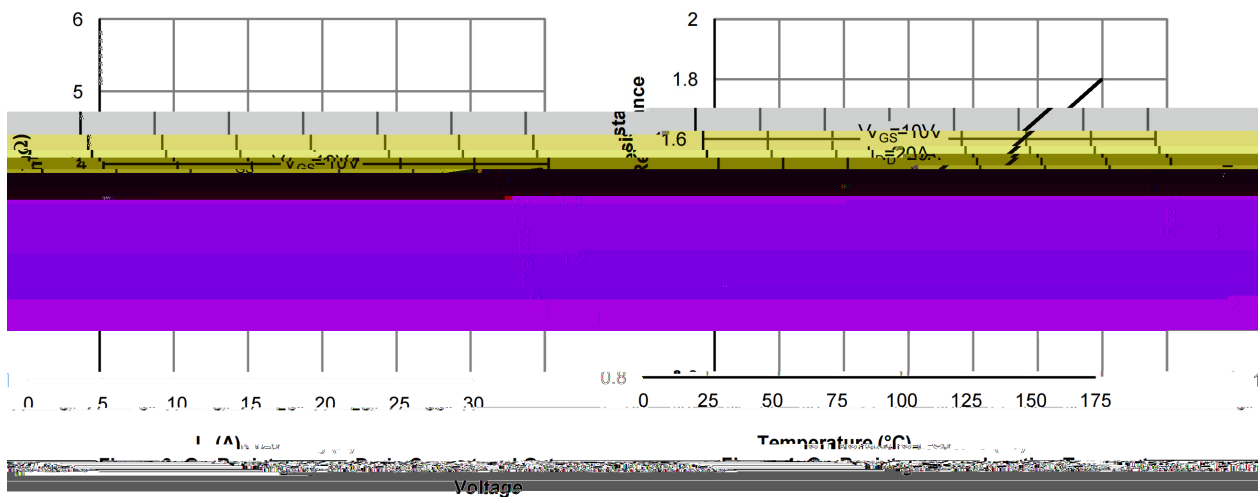
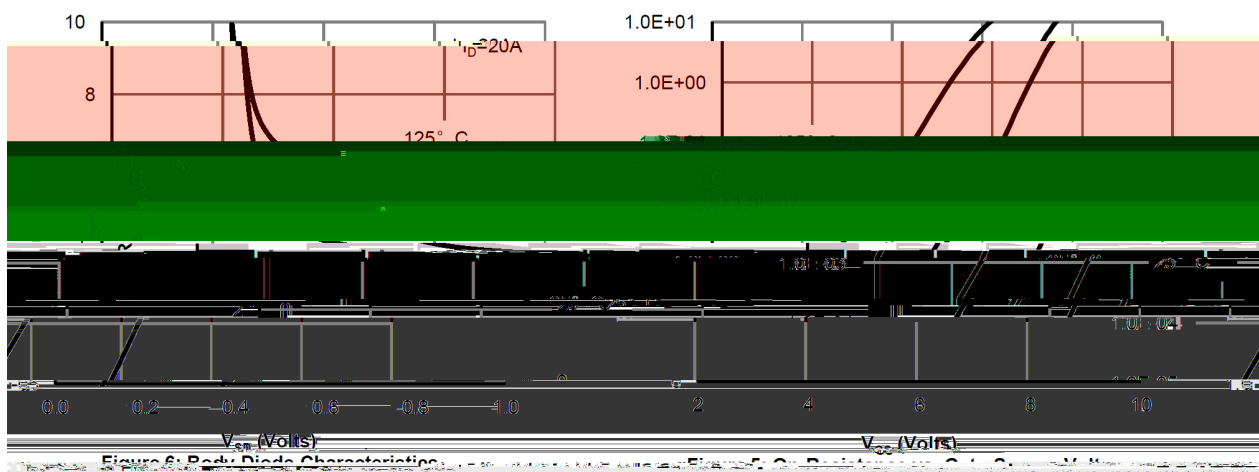


Figure 1: On-Region Characteristics Figure 2: Transfer Characteristics Figure 3: Temperature Characteristics Figure 4: Body Diode Characteristics

/ Electrical Characteristic Curve

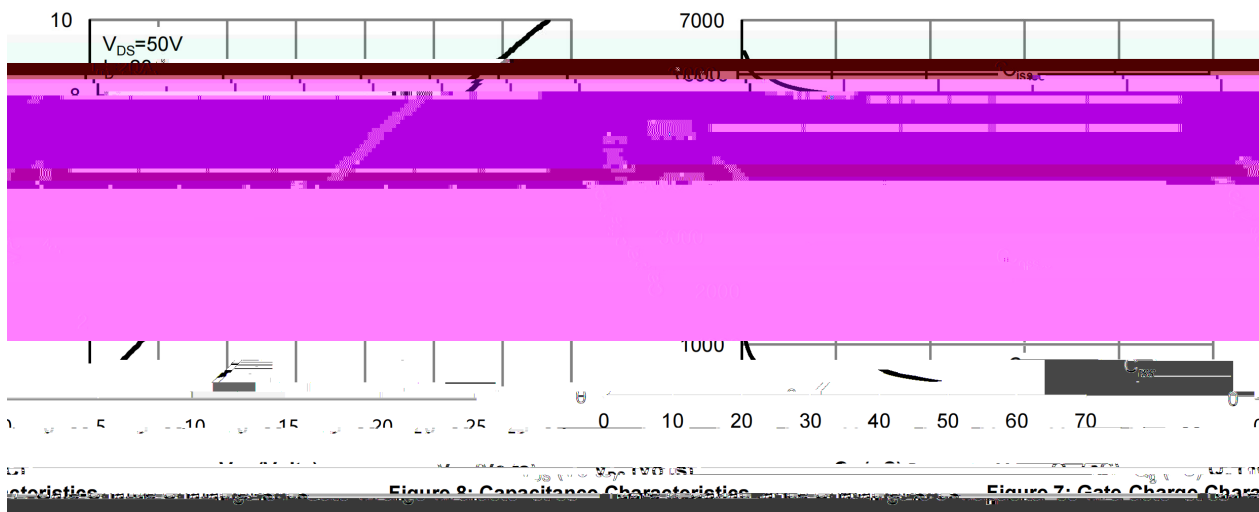
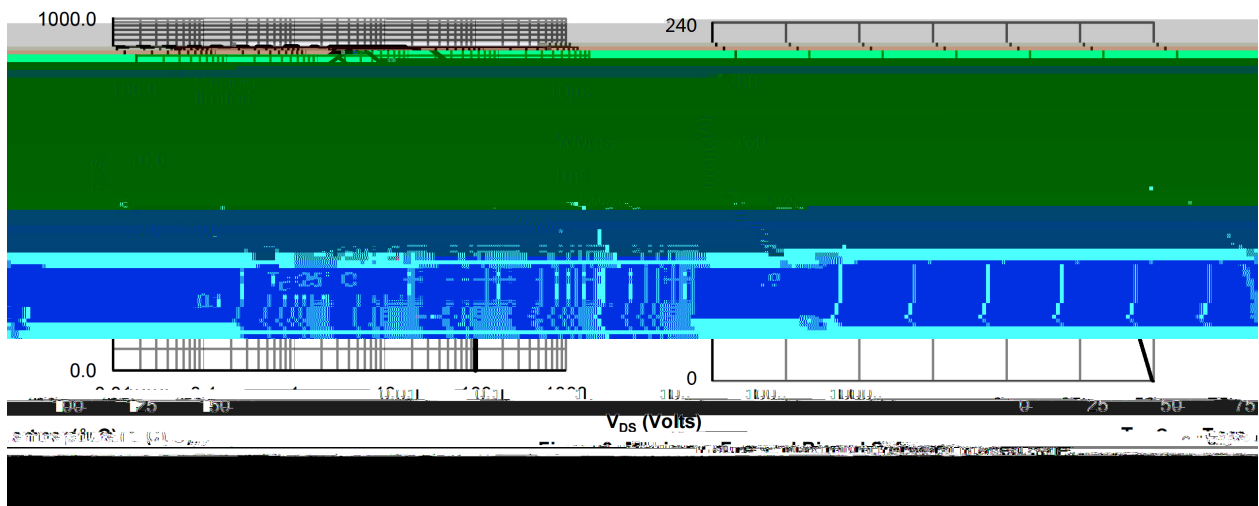
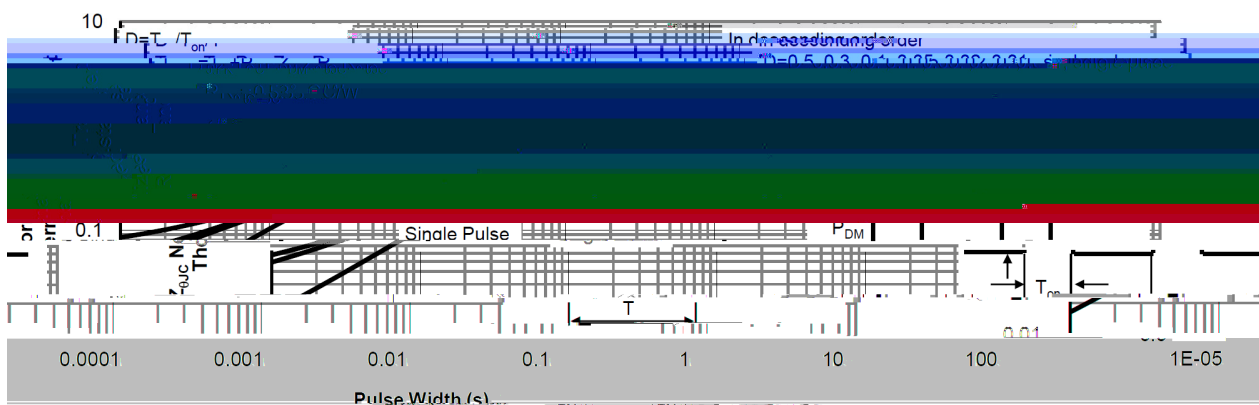
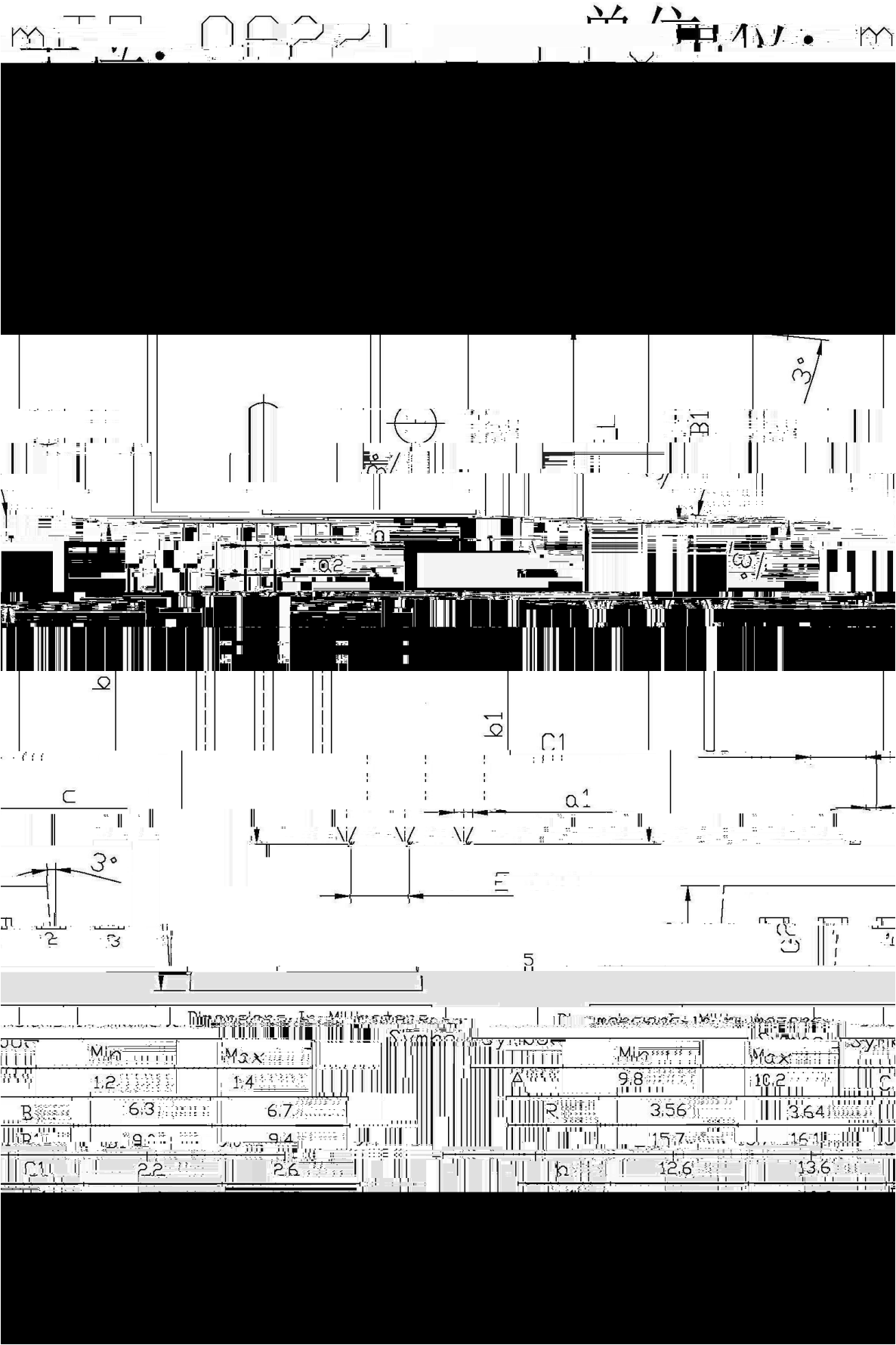


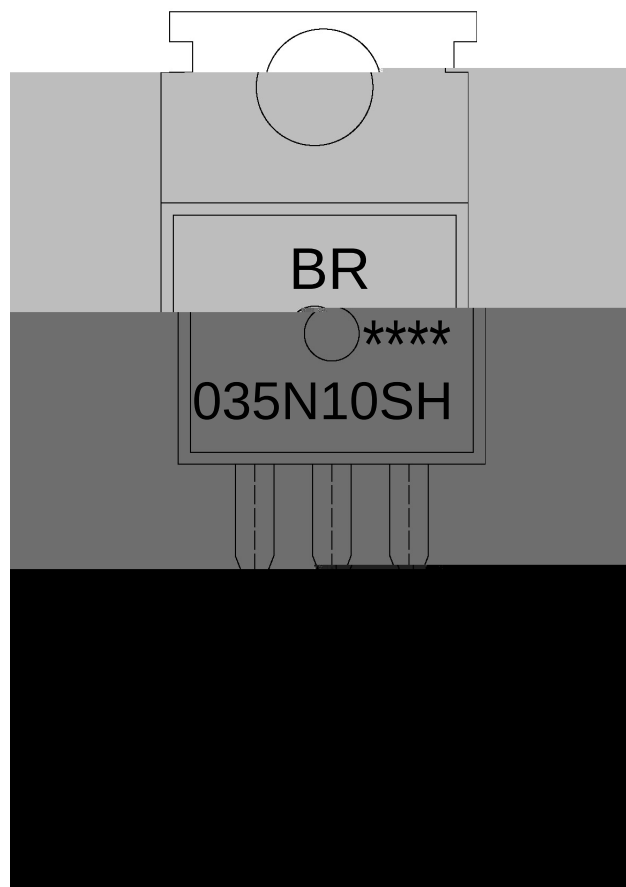
Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions





/ Marking Instructions



Note:

BR: Company Code

035N10SH: Product Type

****: Lot No. Code, code change with Lot No

BRCS035N10SHRA

Rev.A Dec.-2022