

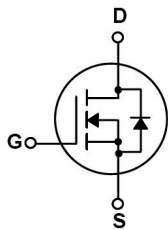
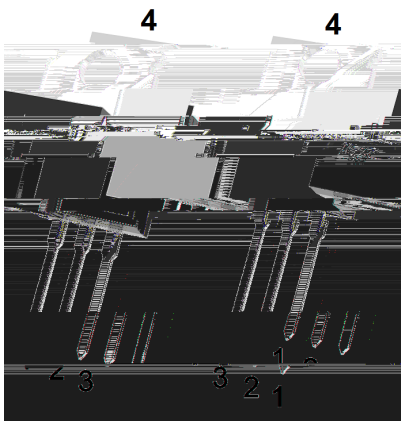
/ Descriptions

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

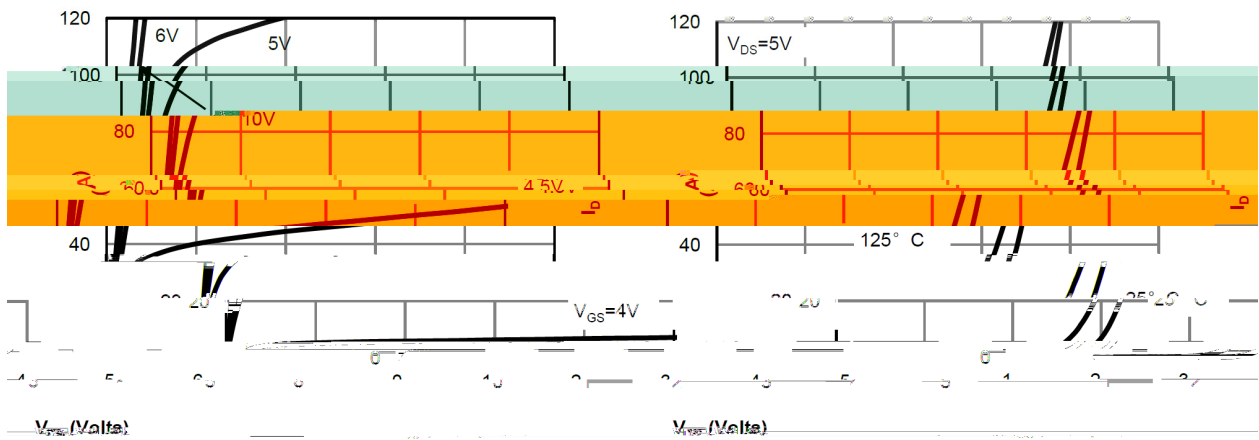


Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics

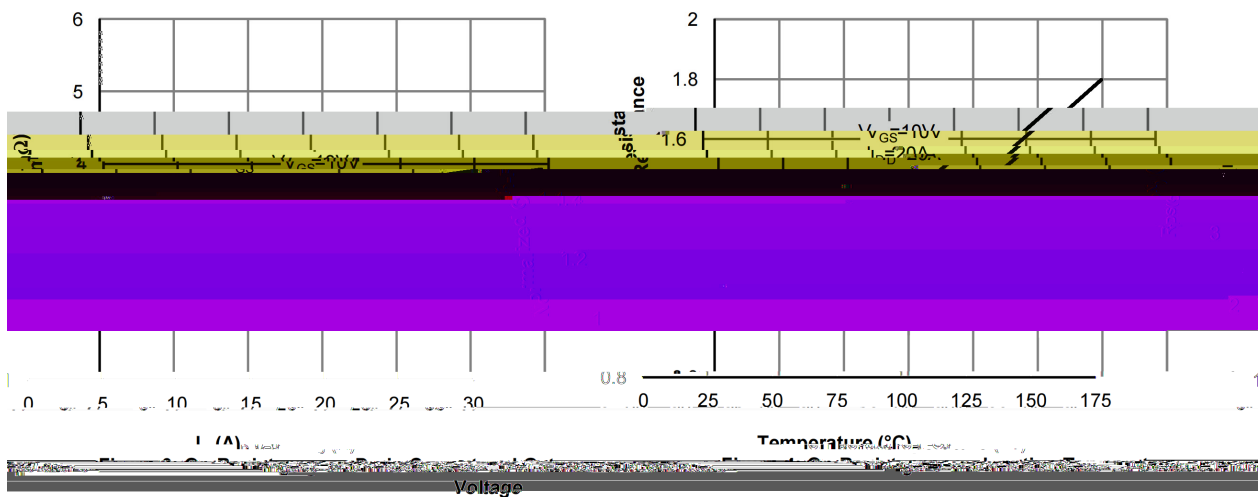
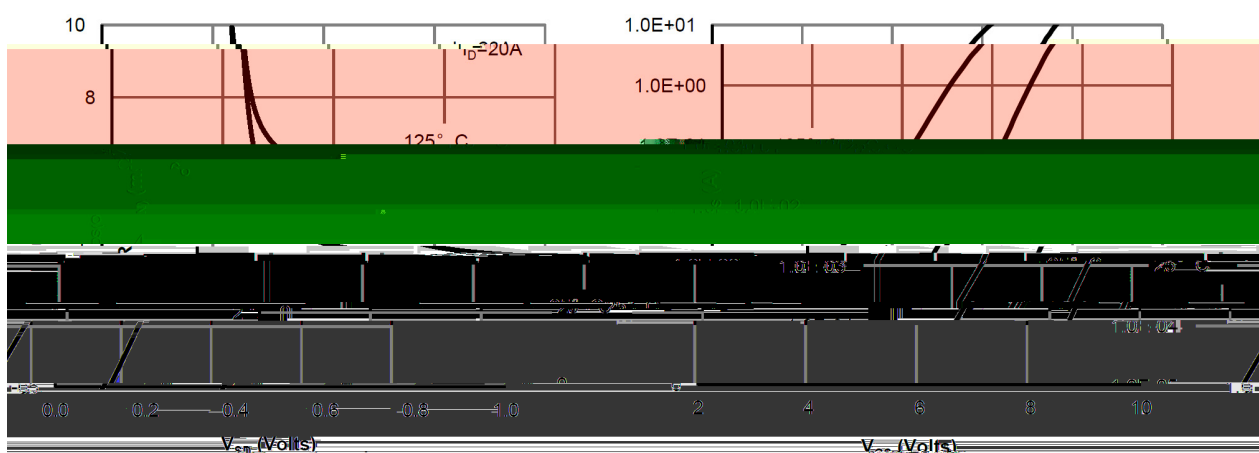


Figure 4: Body Diode Characteristics

Figure 5: Capacitance Characteristics

/ Electrical Characteristic Curve

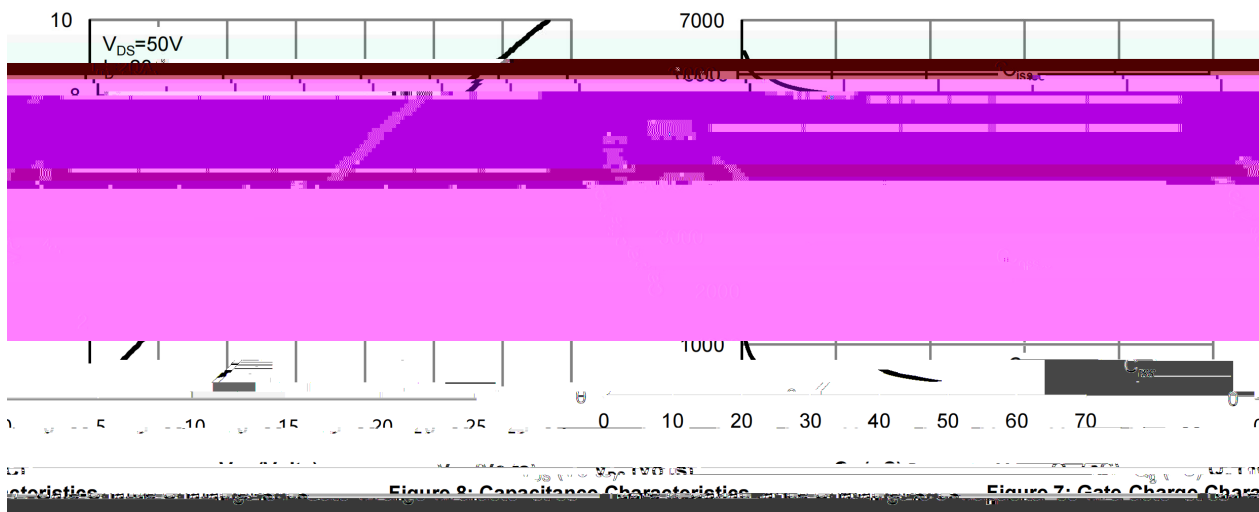
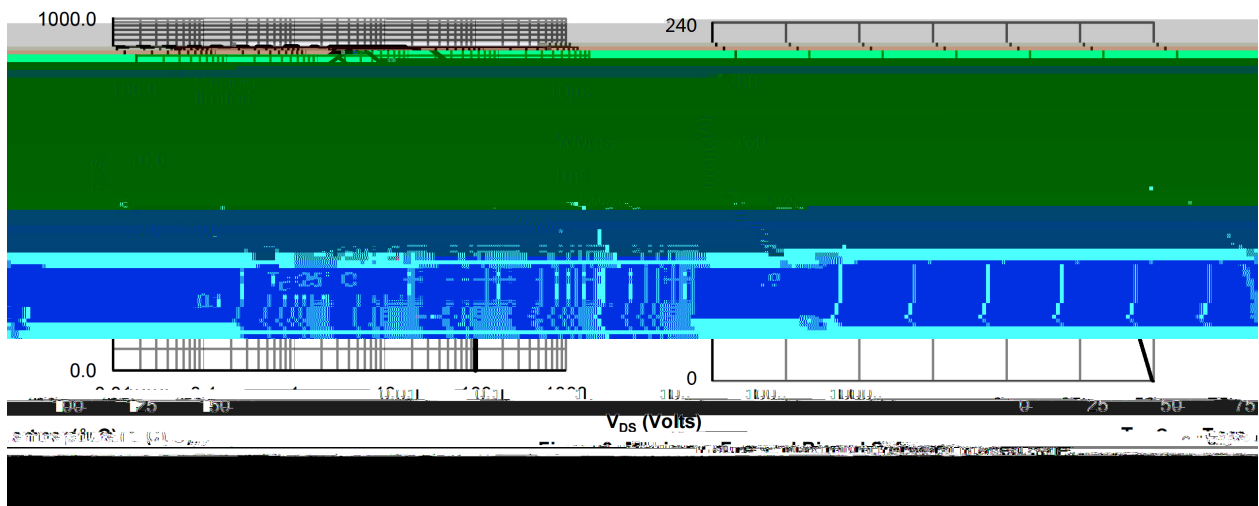
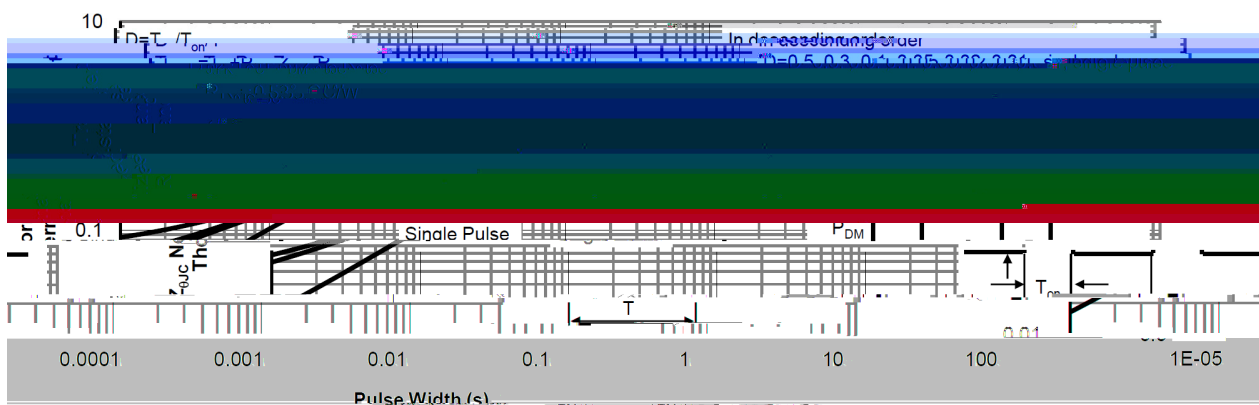
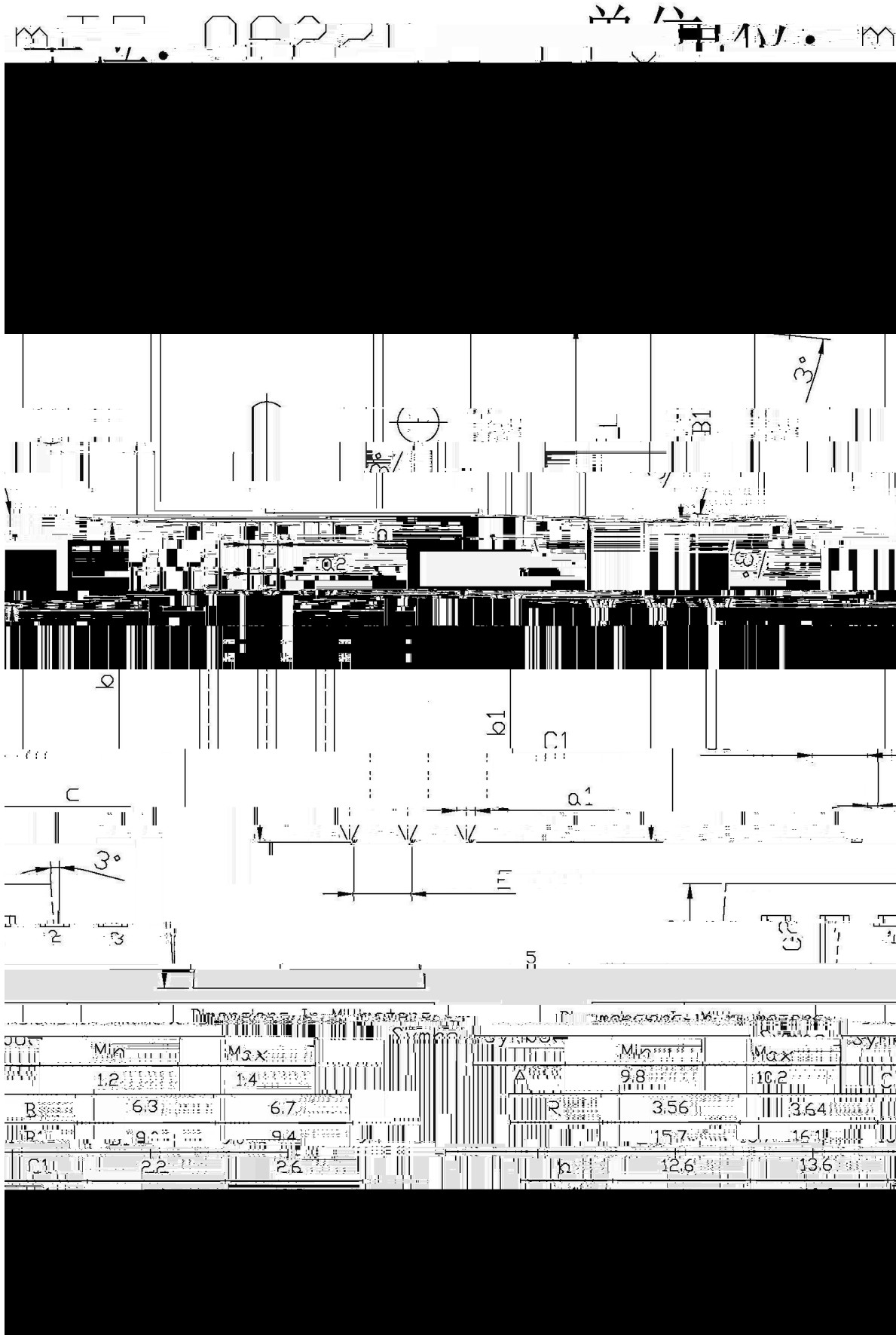


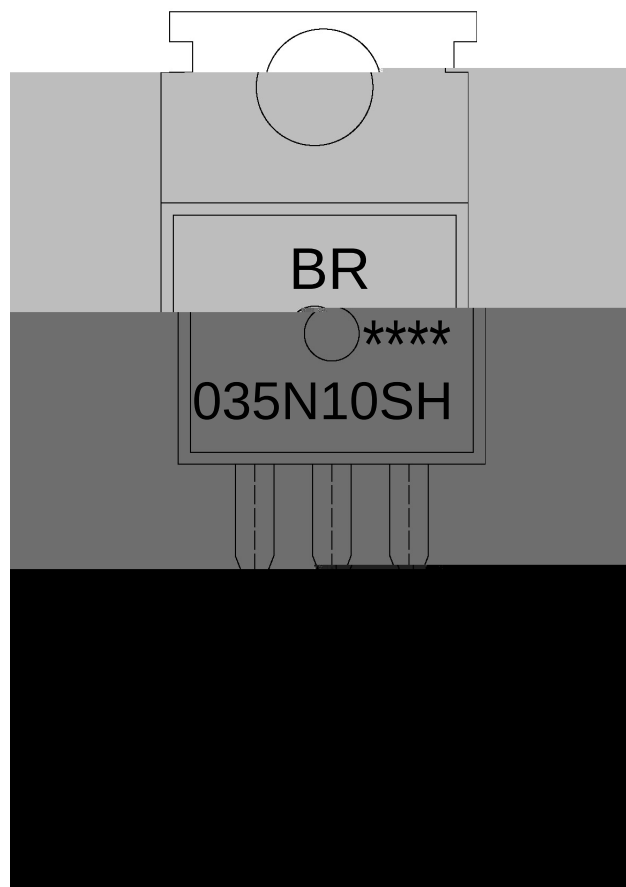
Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions





/ Marking Instructions



Note:

BR: Company Code

035N10SH: Product Type

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

BRCS035N10SHRA

Rev.A Dec.-2022