

# BRCS035N10SHRA

Rev.A Dec.-2022

## / Descriptions

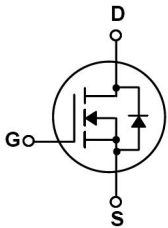
TO-220 N  
N-CHANNEL MOSFET in a TO-220 Plastic Package.

## / Features

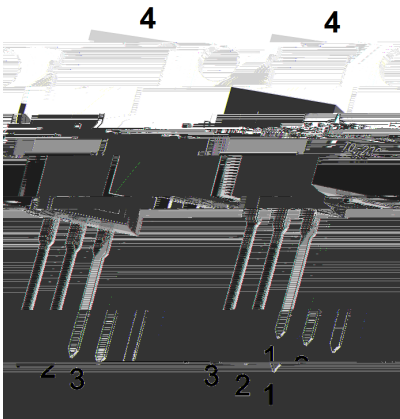
## / Applications

High frequency switching and synchronous rectification, BMS, Motor.

## / Equivalent Circuit



## / Pinning



PIN1 G      PIN 2 4 D      PIN 3 S

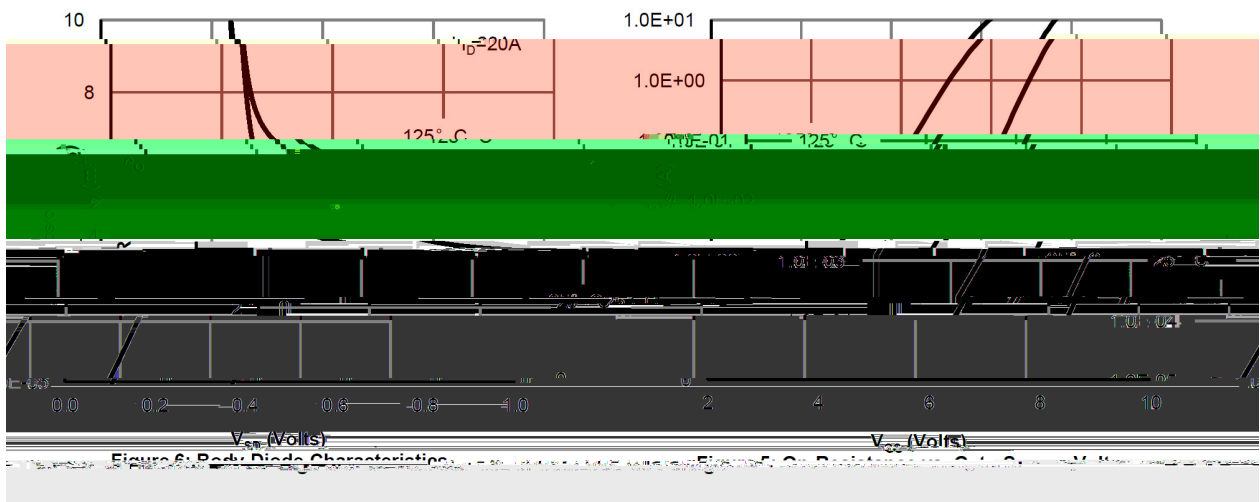
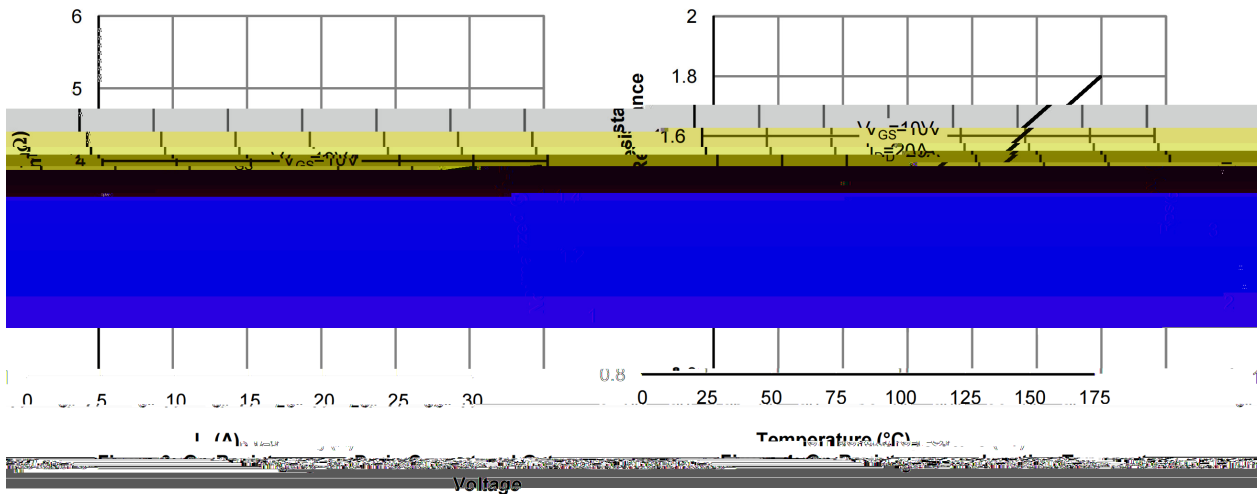
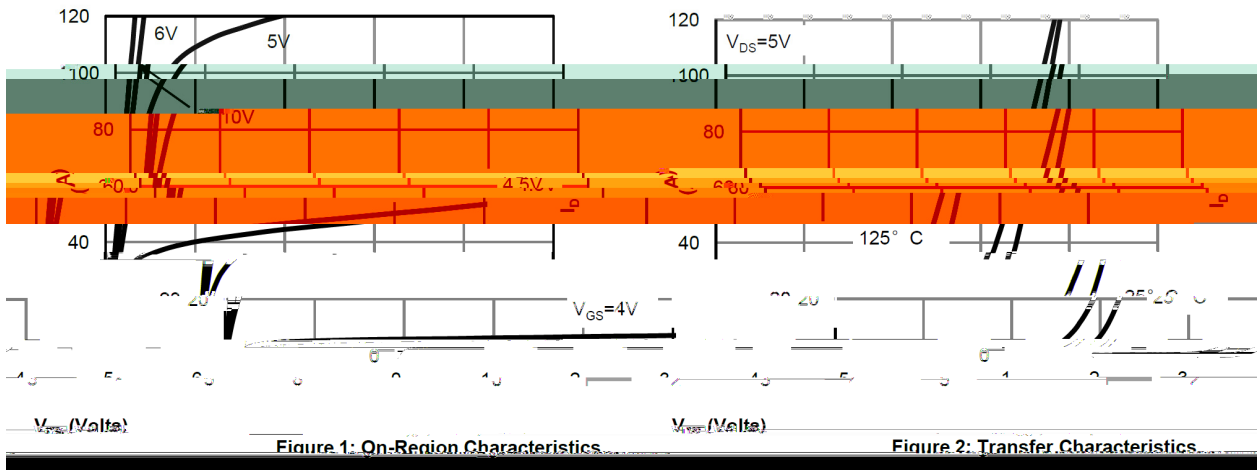
## / Marking

See Marking Instructions.



Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit/Tf3.19
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**/ Electrical Characteristic Curve**



**/ Electrical Characteristic Curve**

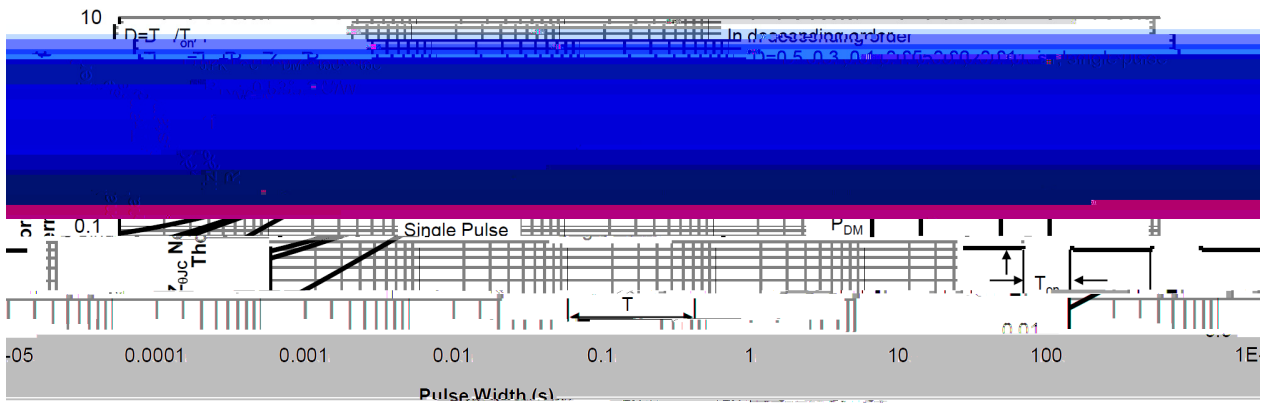
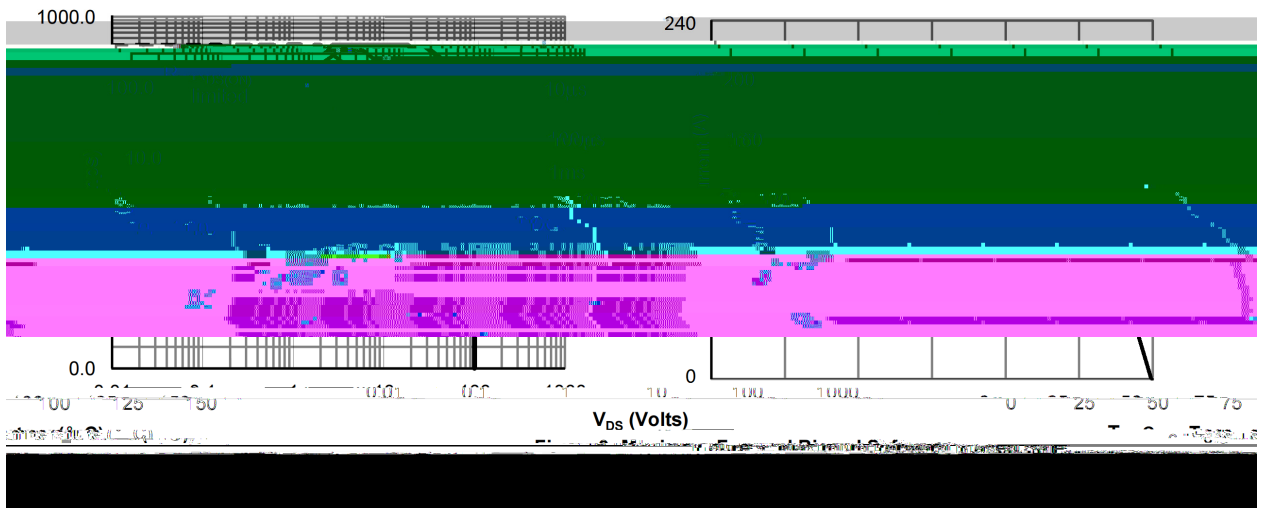
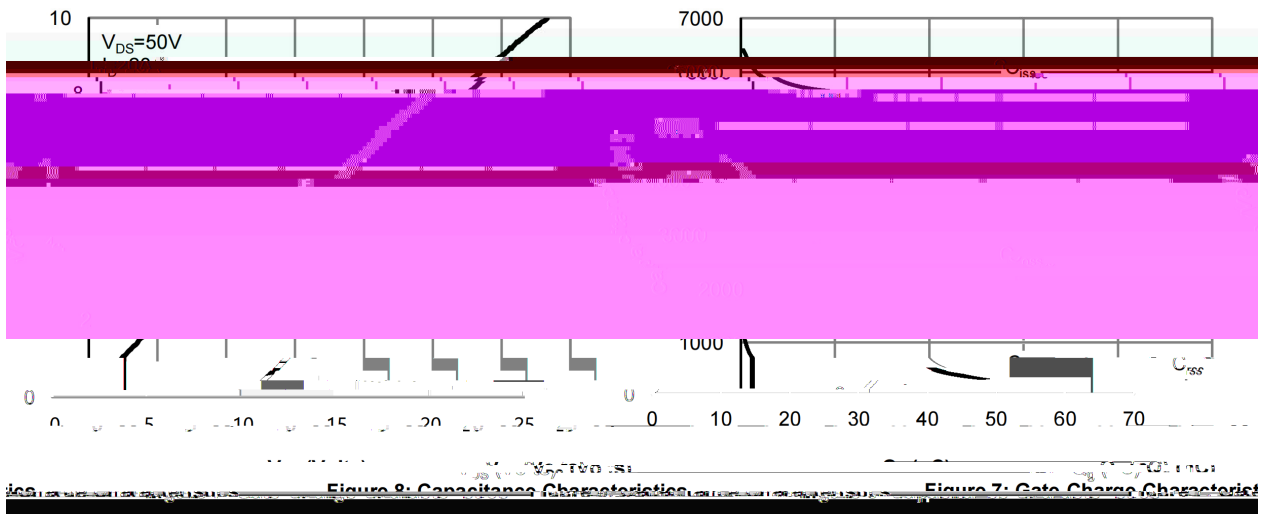
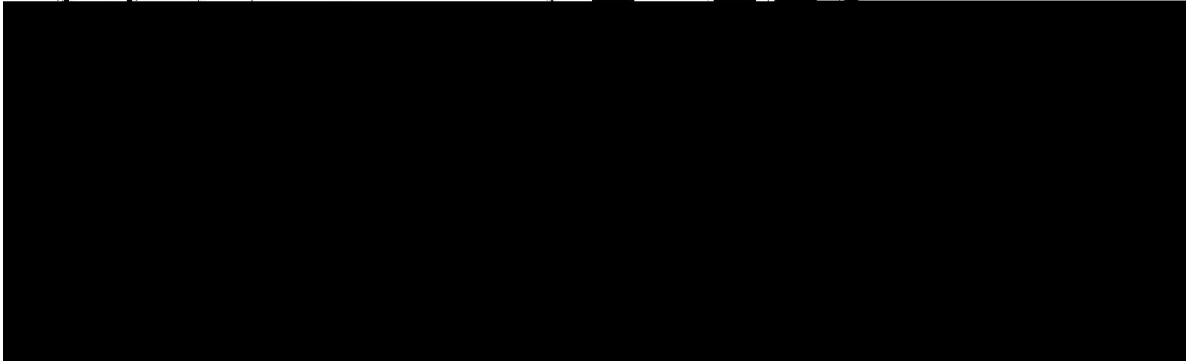
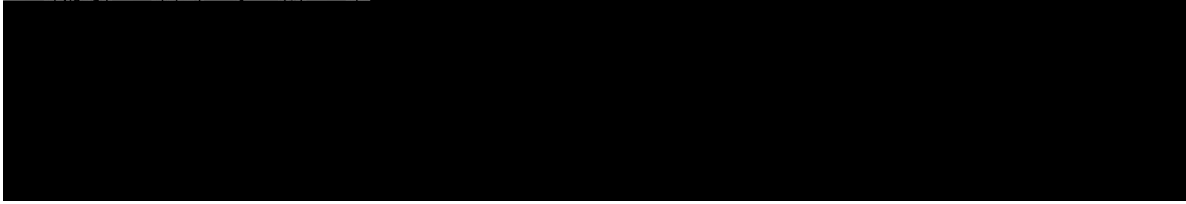


Figure 11: Normalized Maximum Transient Thermal Impedance

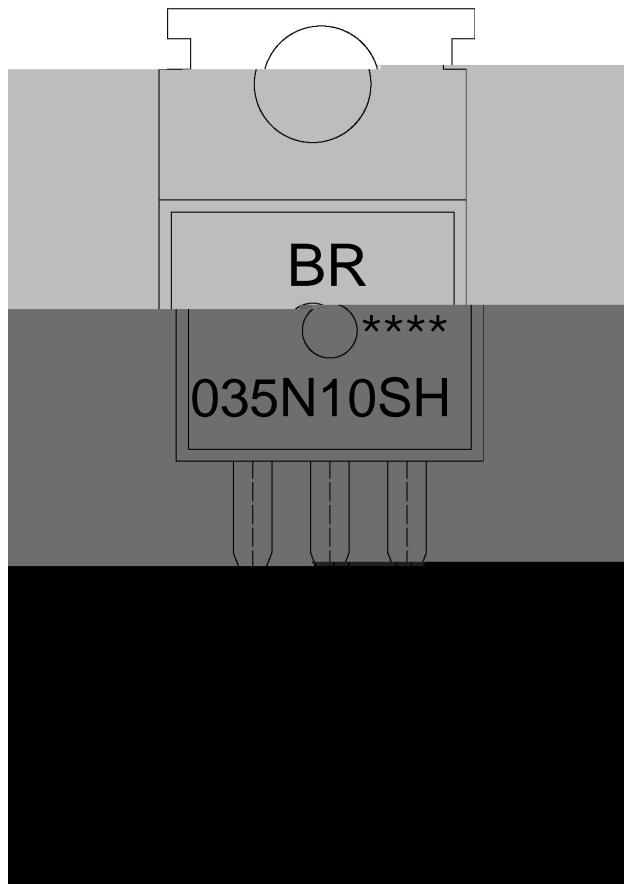
**/ Package Dimensions**



Dimension	Min	Max	Dimension	Min	Max	Symbol
A	12	14	A	9.8	10.2	A
B	6.3	6.7	R	3.56	3.64	R
C	9.4	9.4	b	12.6	13.6	b
C1	2.2	2.6				



## / Marking Instructions



Note:

BR: Company Code

035N10SH: Product Type

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

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