

**BRCS30N10DP**

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# BRCS30N10DP


/ Electrical Characteristics(Ta=25 )

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/ Electrical Characteristic Curve

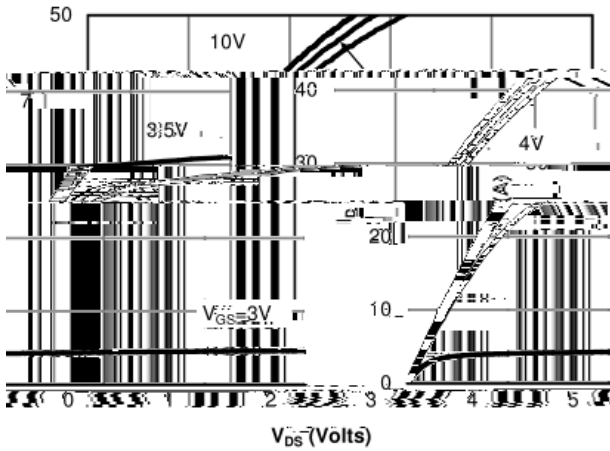


Fig 1: On-Region Characteristics

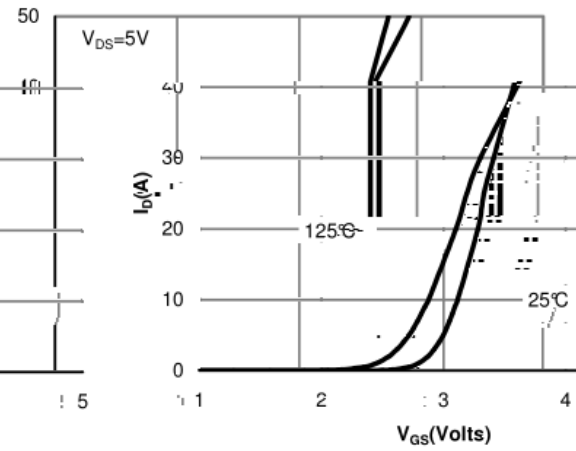


Figure 2: Transfer Characteristics

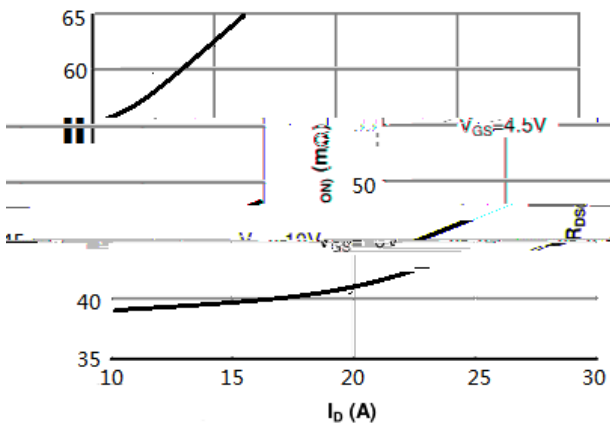


Figure 3: On-Resistance Characteristics

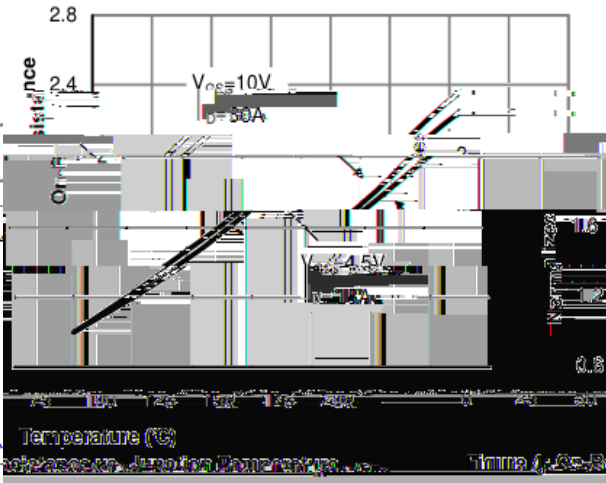


Figure 4: Dynamic Characteristics

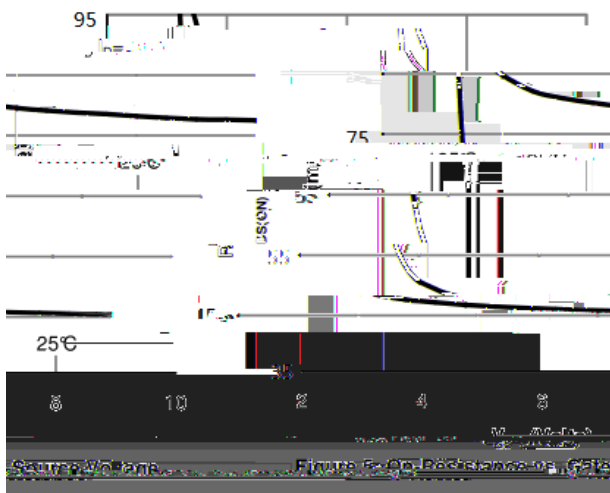


Figure 5: On-Resistance vs. Gate Voltage

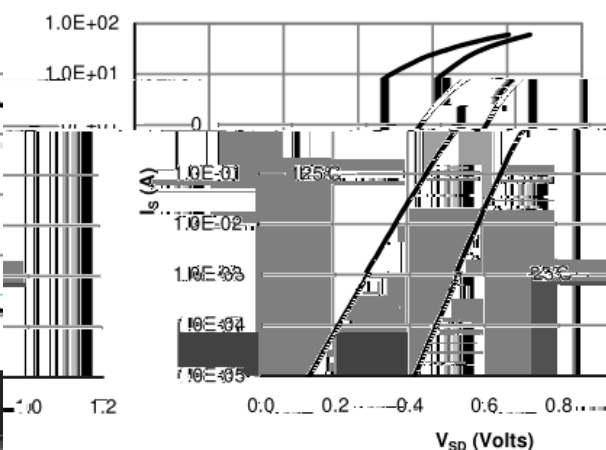


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve

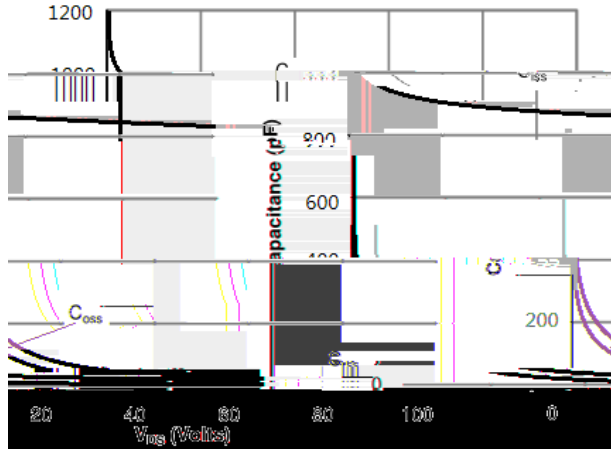
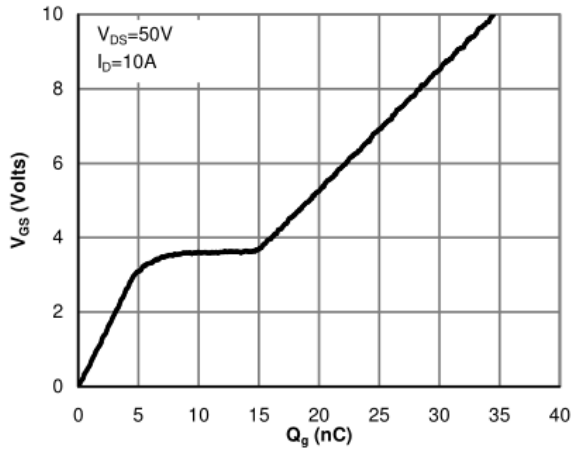


Figure 2: Transfer Characteristics

Figure 3: Capacitance Characteristics

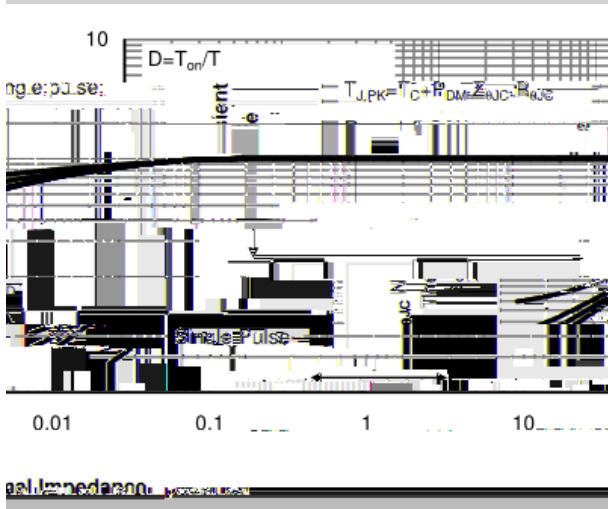
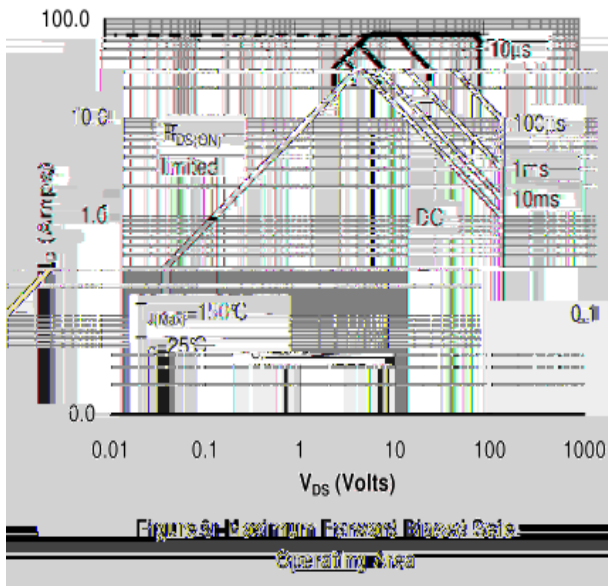


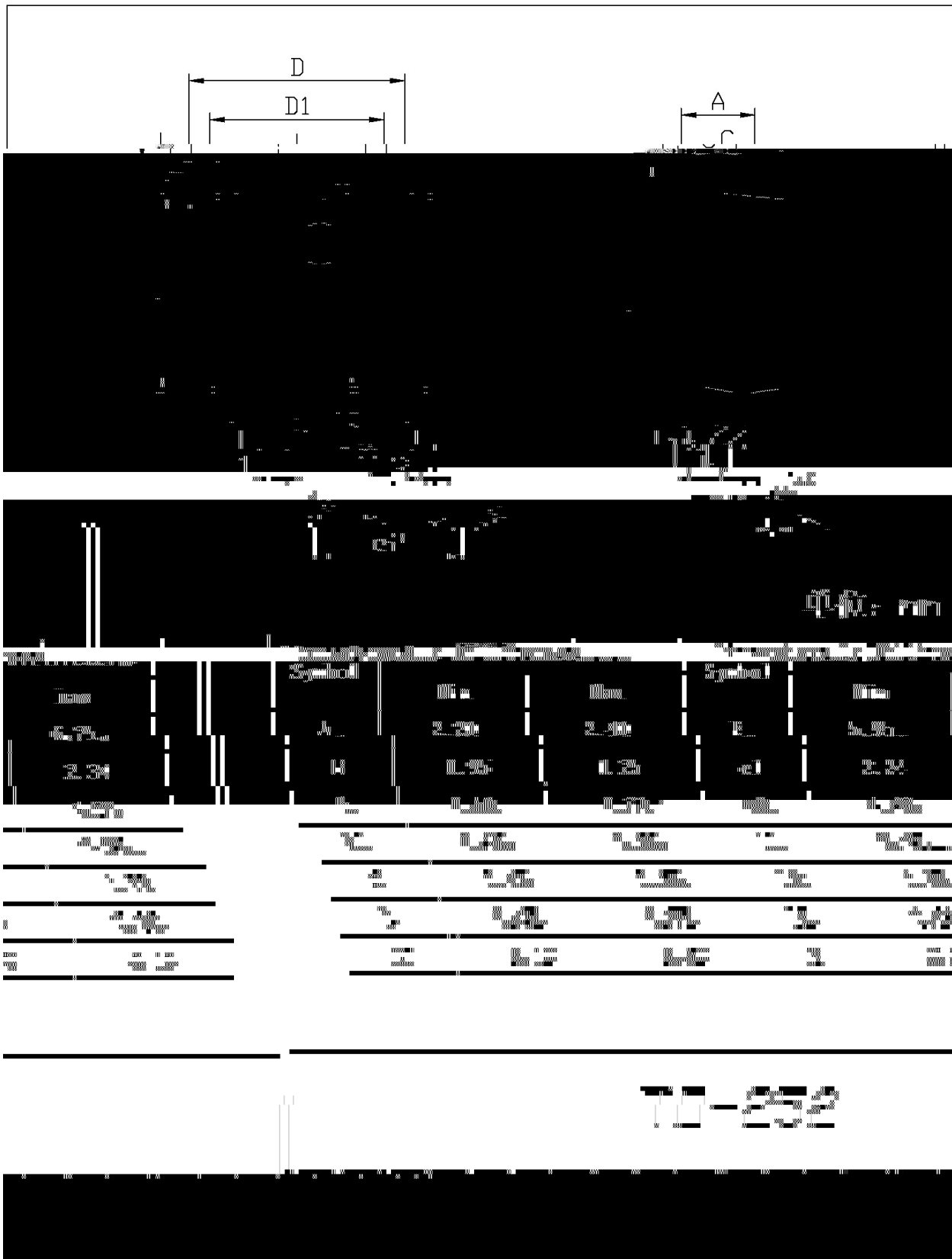
Figure 4: Maximum Forward Bias Safe Operating Area

Figure 10: Normalized Maximum Transition Thermal Impedance

**BRCS30N10DP**

**DATA SHEET**

/ Package Dimensions



**BRCS30N10DP**

**II**

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