

/ Descriptions

/ Features

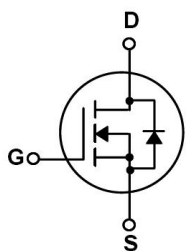
$R_{DS(on)}$

C_{rss}

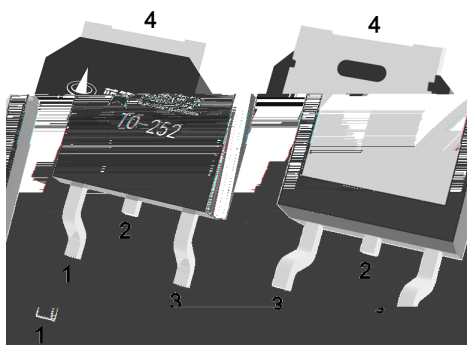
/ Applications

DC/DC

/ Equivalent Circuit



/ Pinning



/ Marking

BRCS035N04SDP



DATA SHEET

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/ Electrical Characteristic Curve

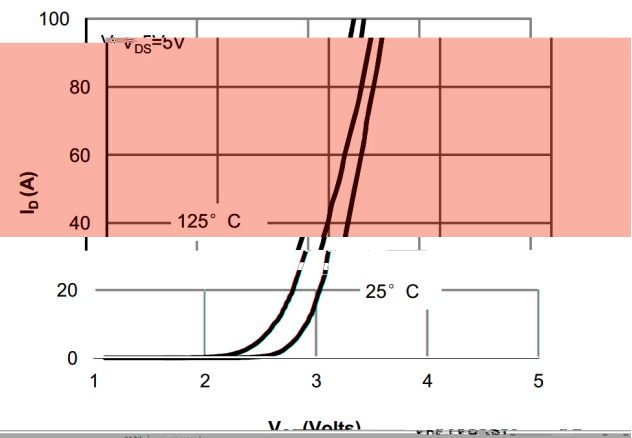
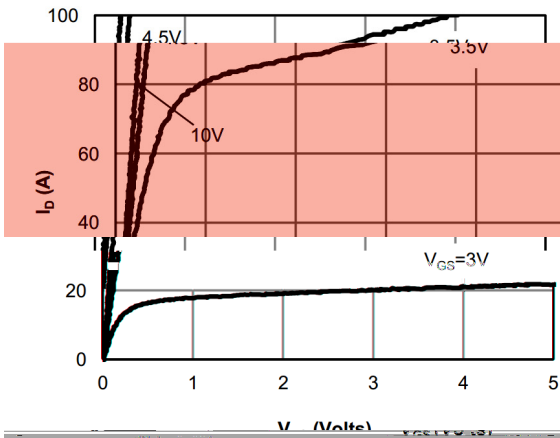


Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics

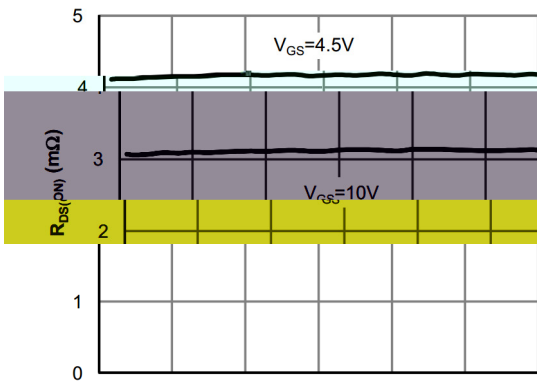


Figure 4: On-Resistance vs. Junction Temperature

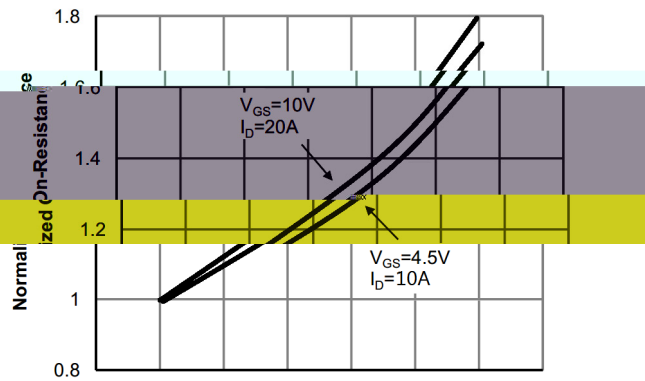
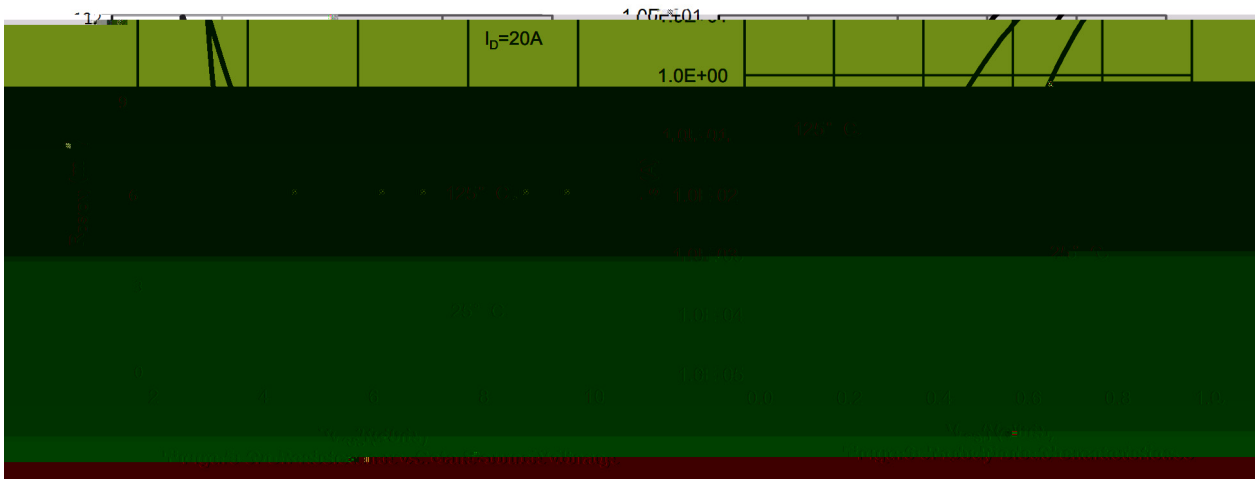


Figure 3: On-Resistance vs. Drain Current and Gate Voltage



/ Electrical Characteristic Curve

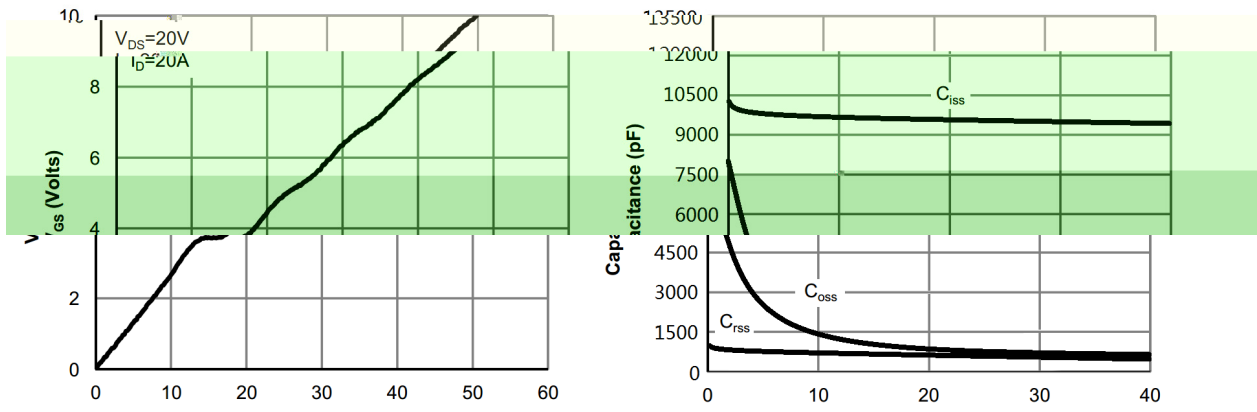


Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

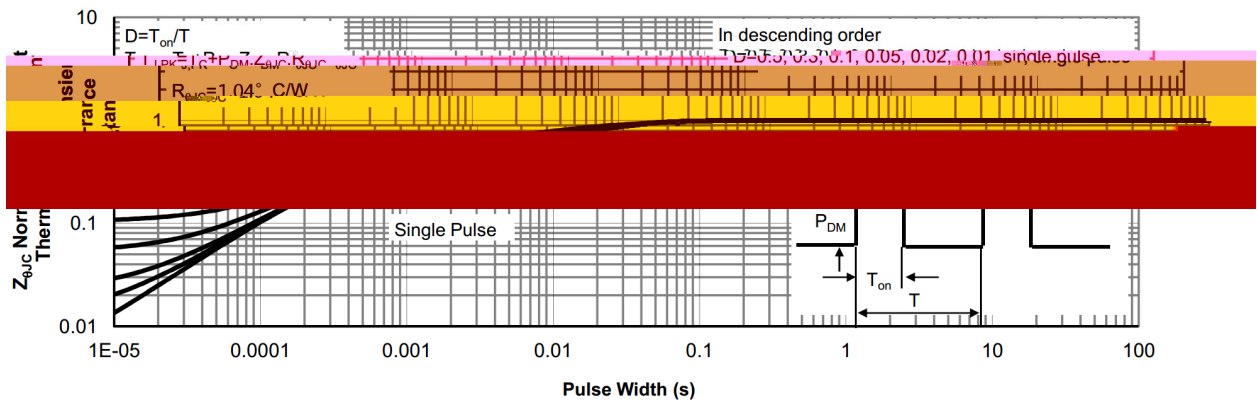
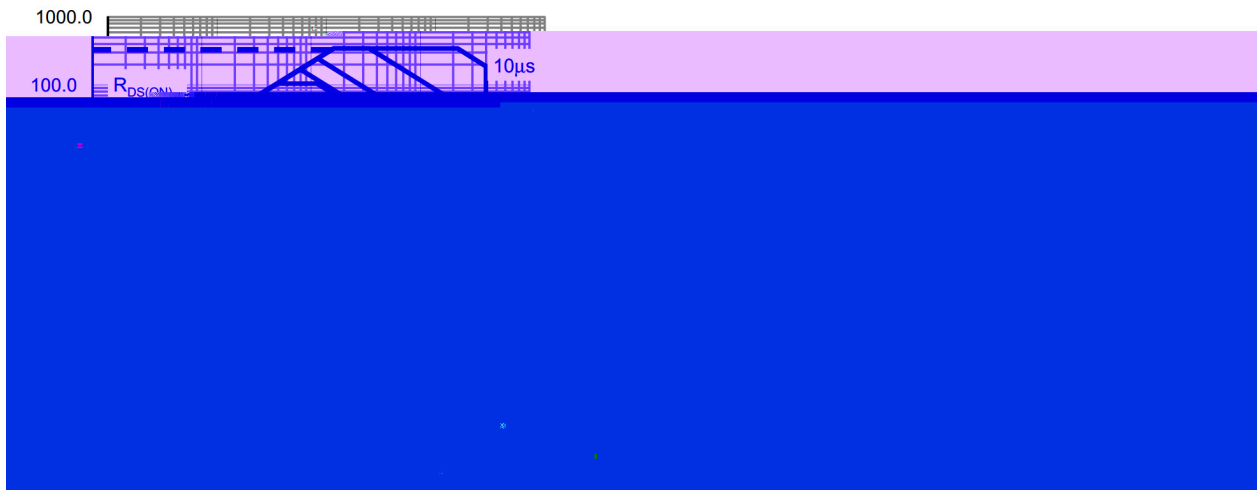
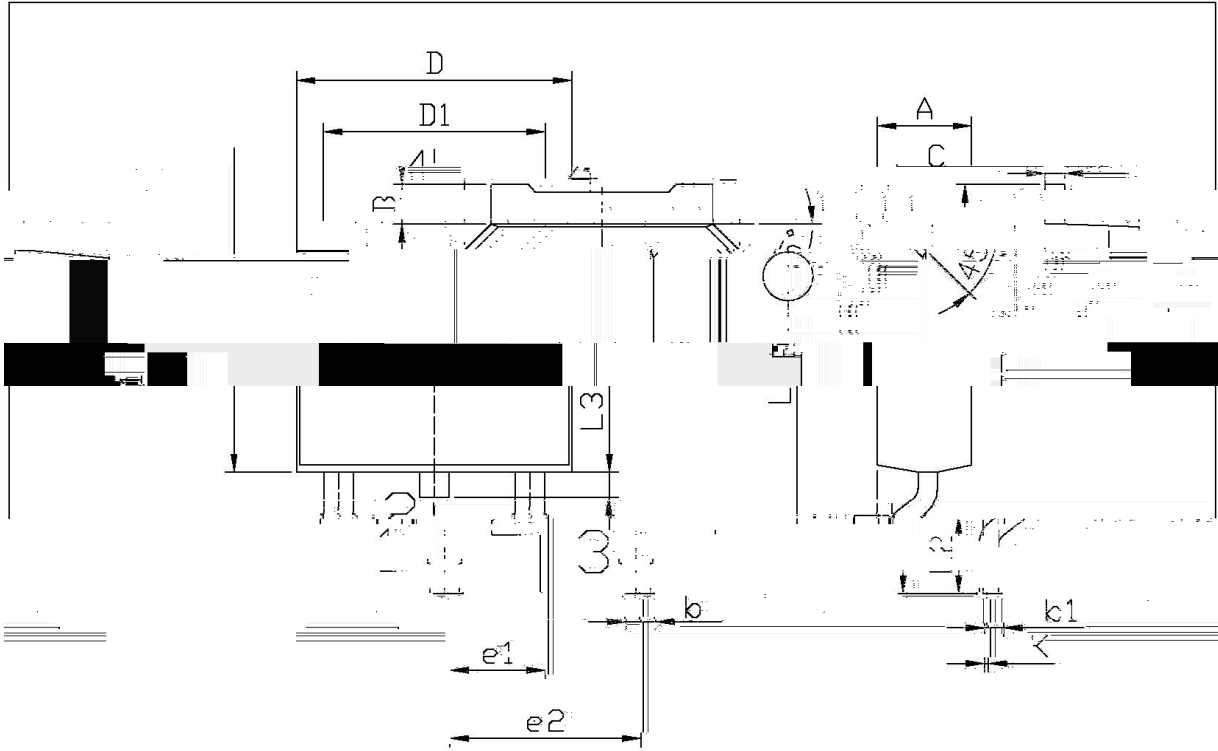


Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



单位: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters		
	Min	Max		Min	Max	
0.95	1.25		e1	2.24	2.34	
0.45	0.55		L1	9.85	10.35	
L3	0.45	0.55		1.70	2.00	
	0.60	0.90		D	6.45	6.75
				J1	5.10	

T0-252

/ Marking Instructions

