

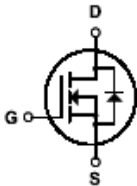
BRCS2310MA

/ Descriptions		
SOT-23	N	MOS

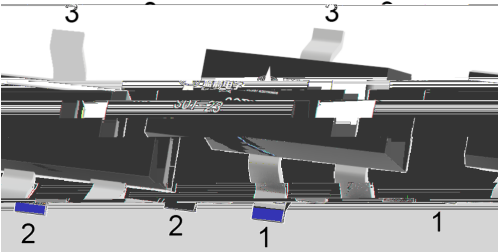
/ Features		
	$R_{DS(ON)}$	SOT-23

/ Applications		
	DC-DC	

/ Equivalent Circuit



/ Pinning



/ Marking	

				°C
	≈			°C

		μ					
						μ	
						Ω	
						Ω	
		μ					

		Ω	Ω			

/ Electrical Characteristic Curve

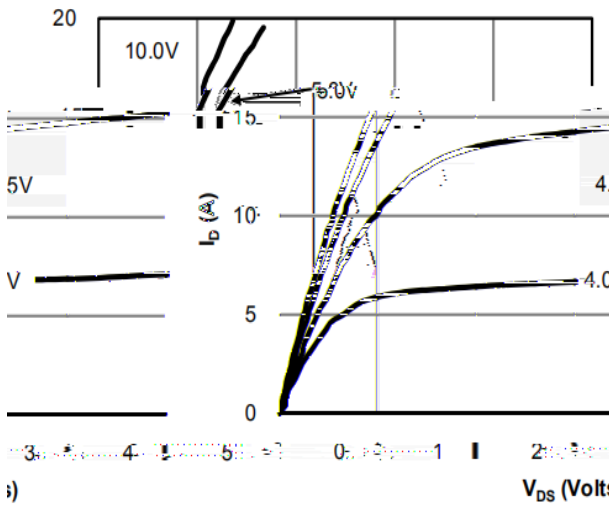


Fig 1: On-Region Characteristics

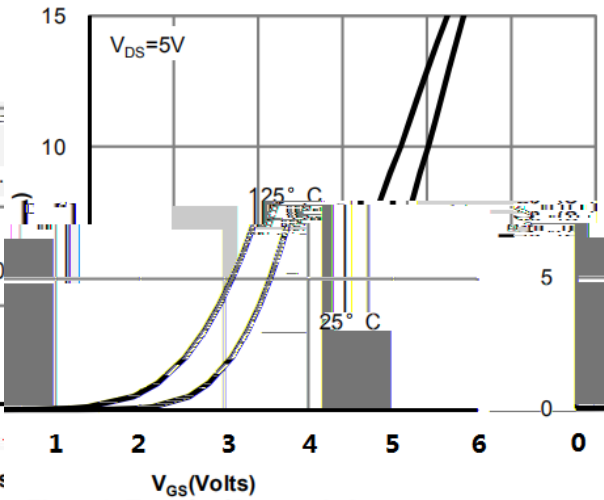


Figure 2: Transfer Characteristics

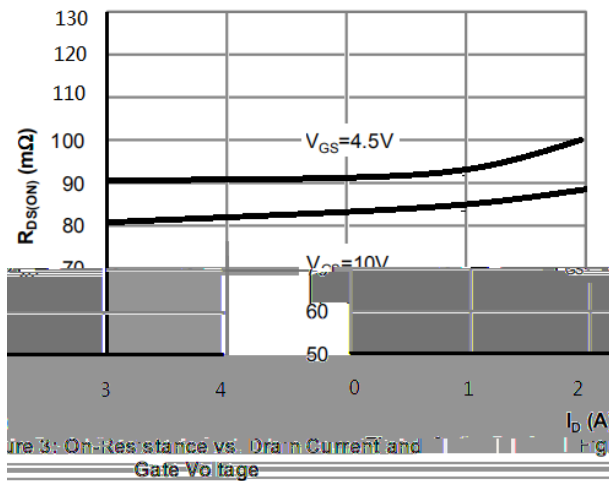


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

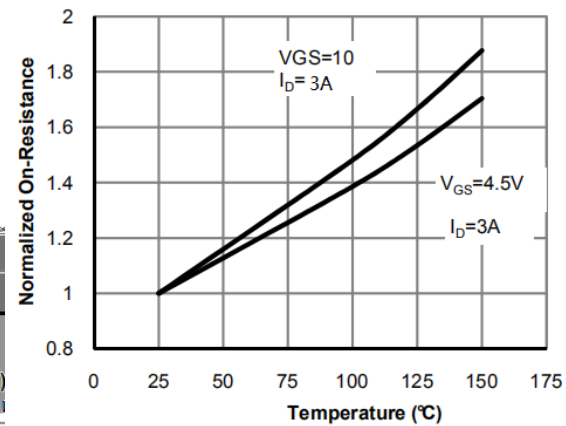


Figure 4: On-Resistance vs. Junction Temperature

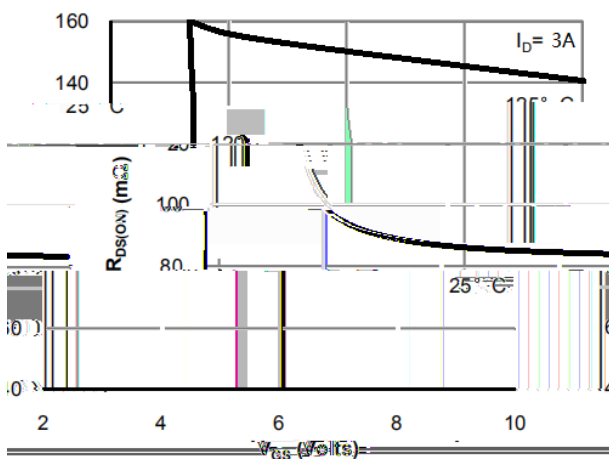


Figure 5: On-Resistance vs. Gate-Source Voltage

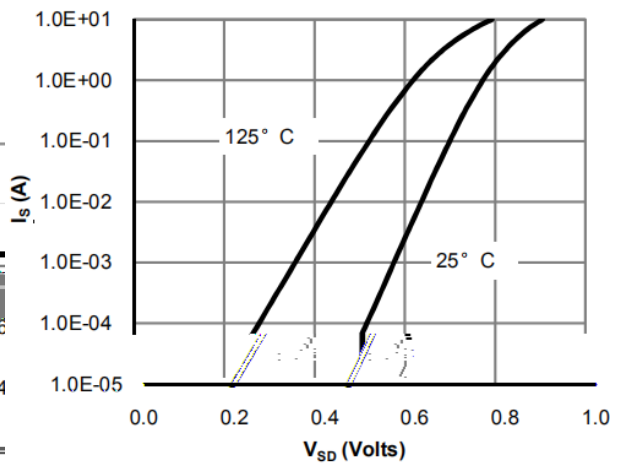
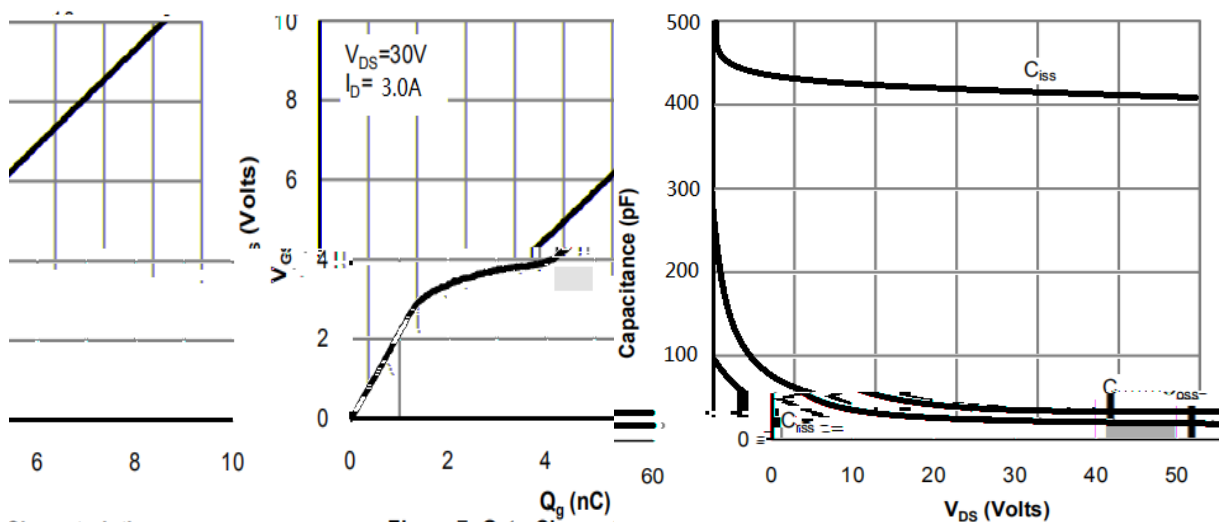


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve



Characteristics

Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

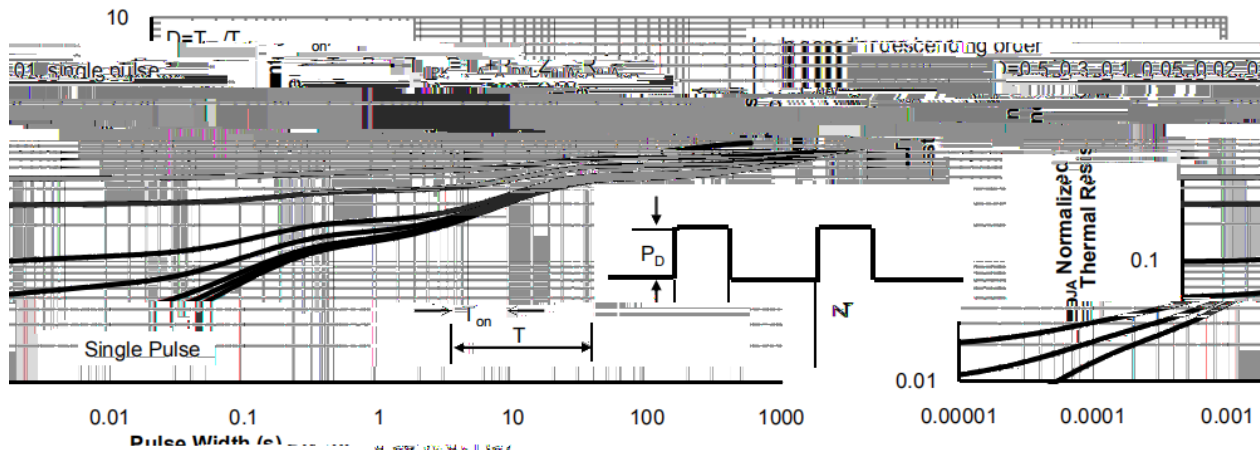
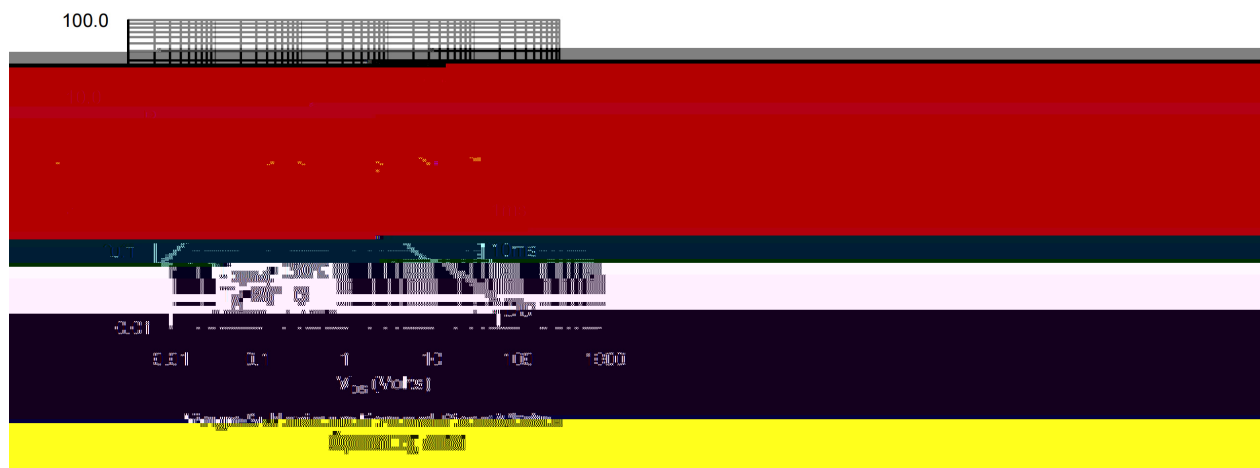
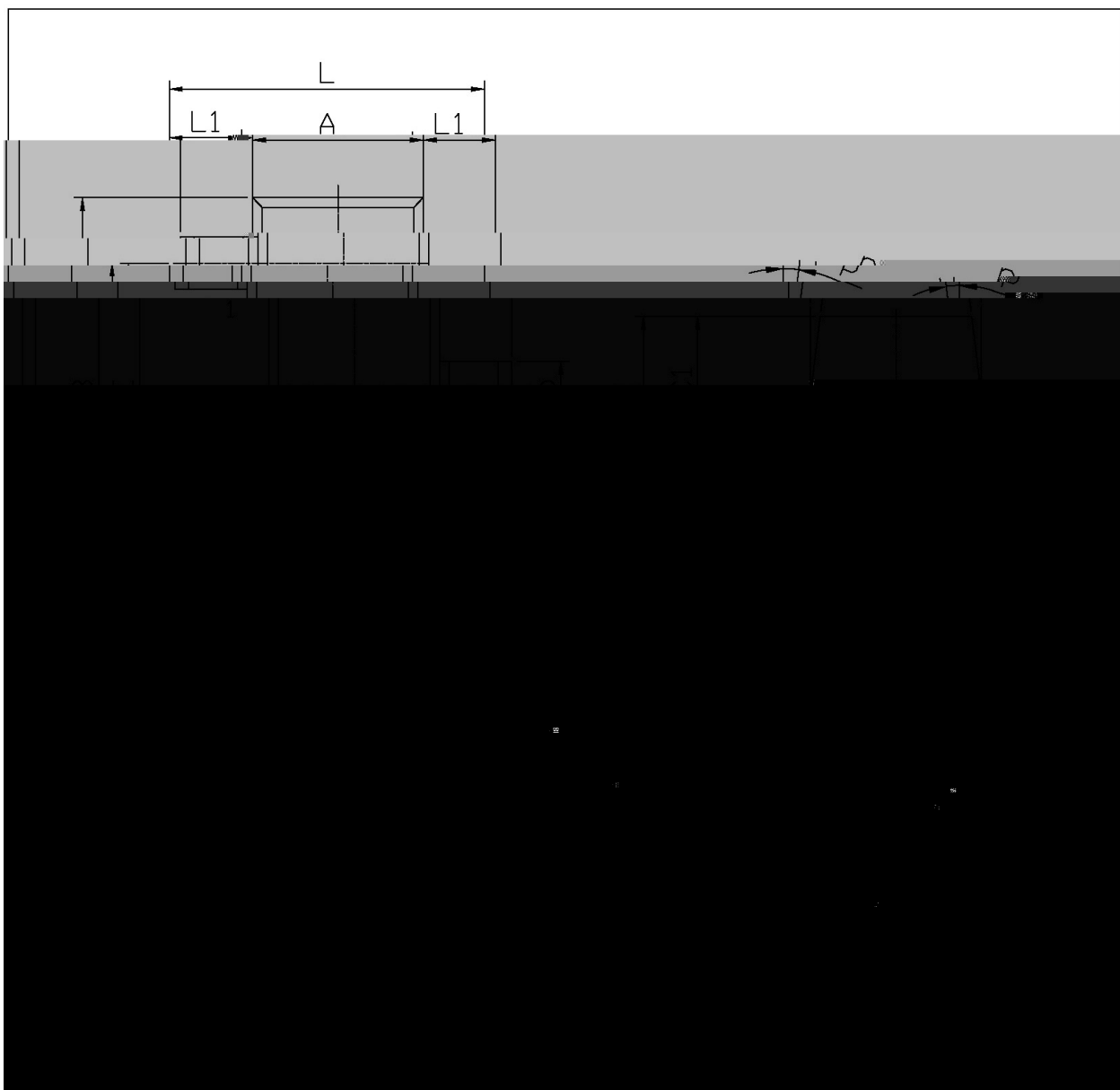


Figure 10: Normalized Maximum Transient Thermal Impedance

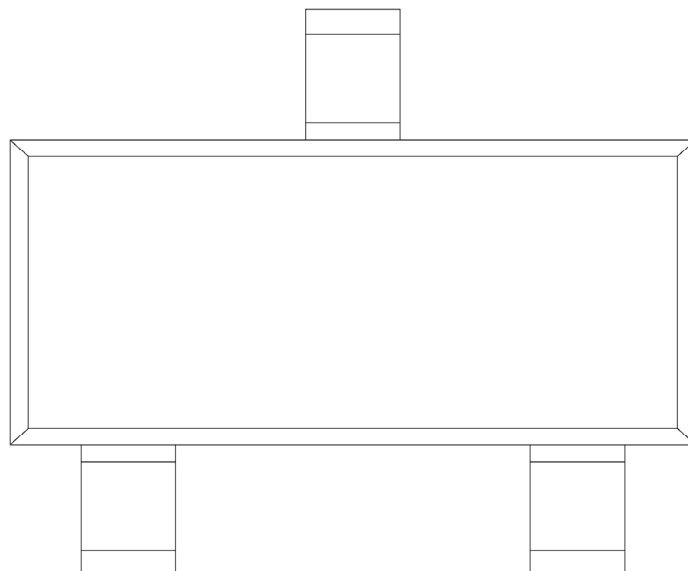
/ Package Dimensions

SOT-23

单位: mm



/ Marking Instructions





± ± °C

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

8 8