BRCS100N06BD

/ Absolute Maximum Ratings(Ta=25)

	θ		
	θ		

/ Electrical Characteristics(Ta=25)

						Ω

/ Electrical Characteristic Curve

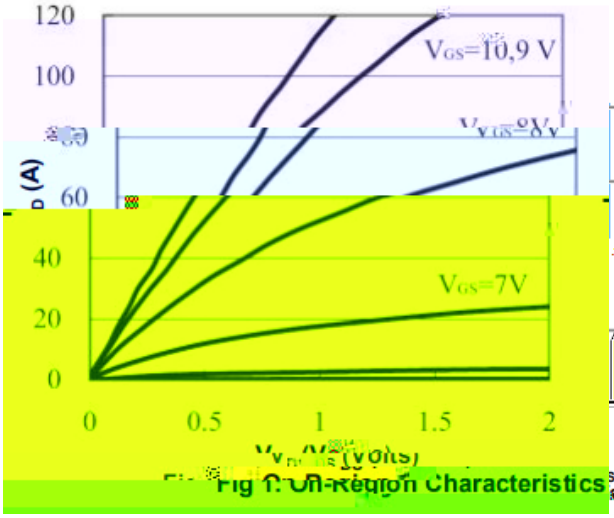
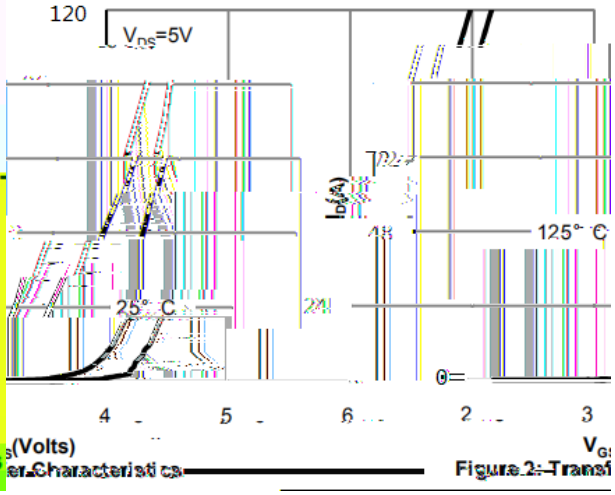


Fig 1: On-Region Characteristics



(Volts)
Figure 2: Transf

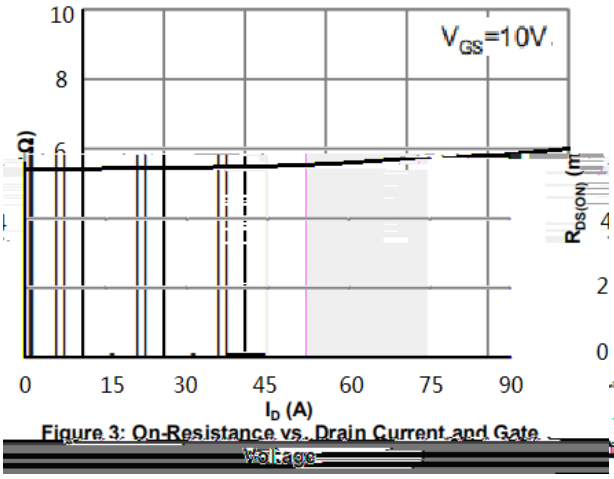
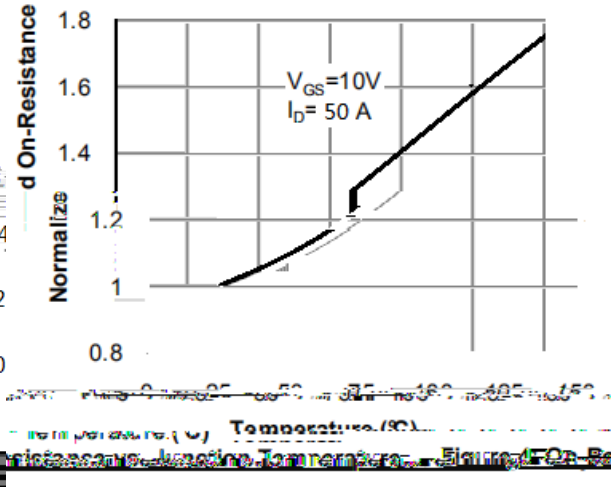
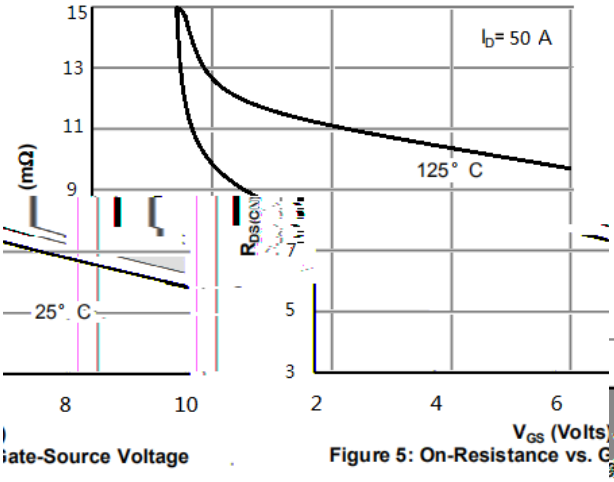


Figure 3: On-Resistance vs. Drain Current and Gate Voltage



Temperature (°C)

Figure 4: On-Re



ate-Source Voltage

Figure 5: On-Resistance vs. G

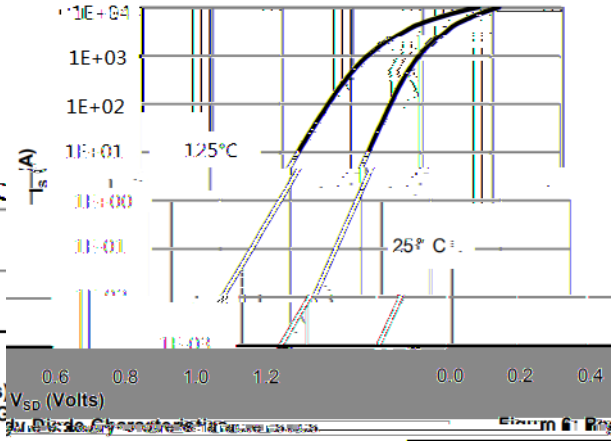


Figure 6: Bo

/ Electrical Characteristic Curve

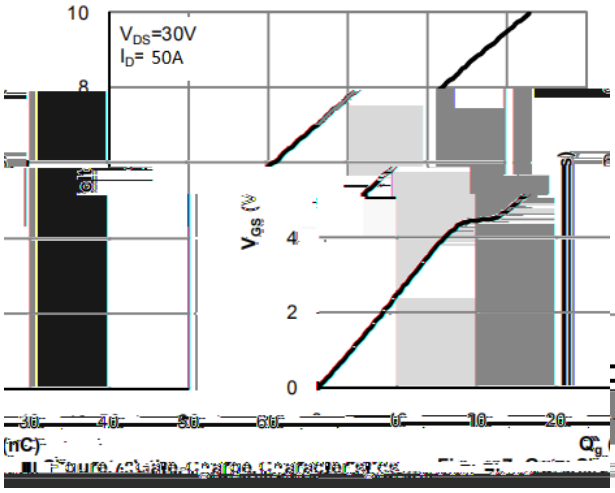


Figure 8: Gate Charge Characteristics

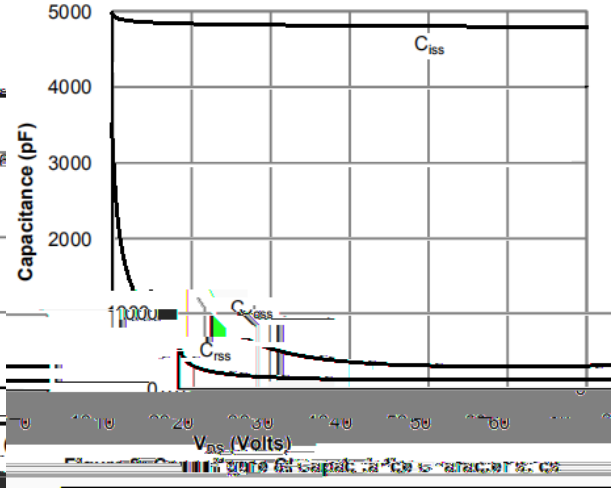
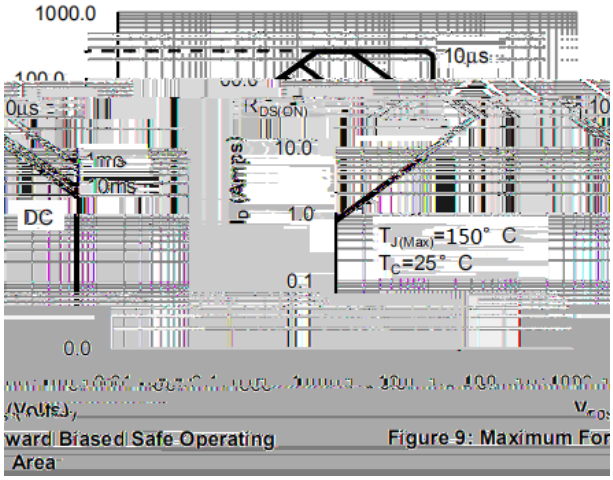
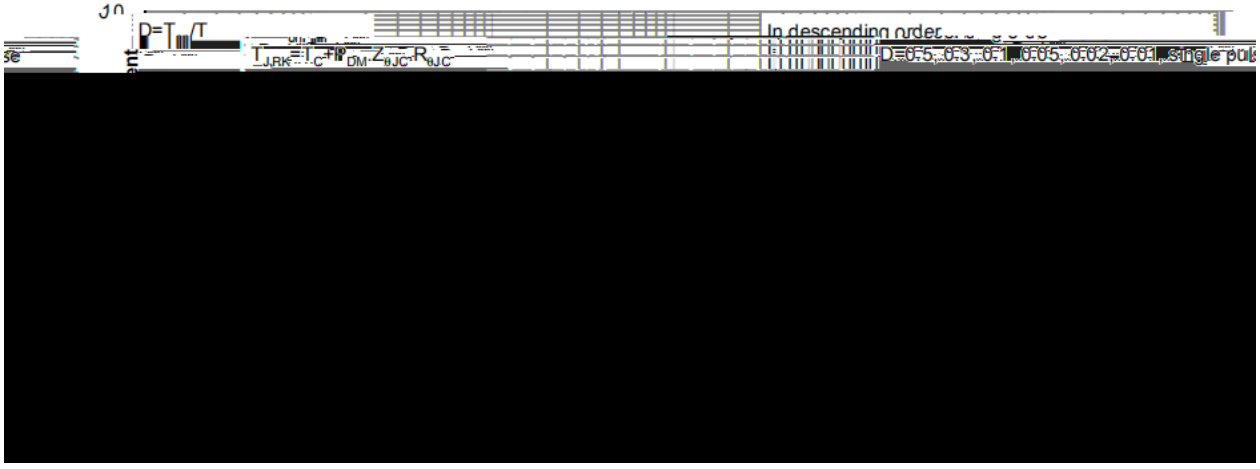


Figure 7: Capacitance Characteristics

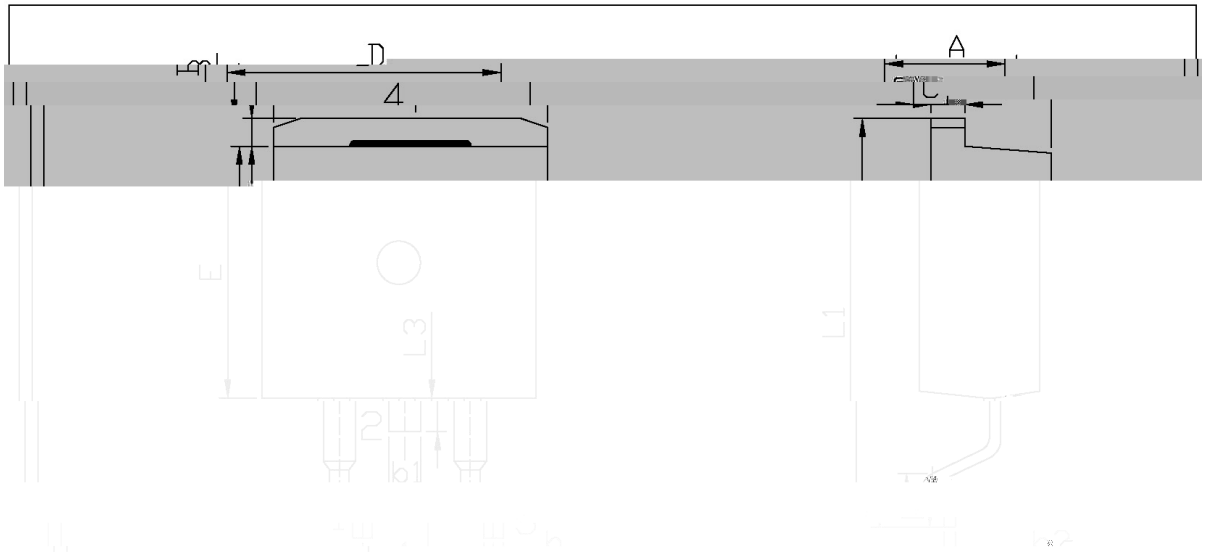


ward Biased Safe Operating Area

Figure 9: Maximum For

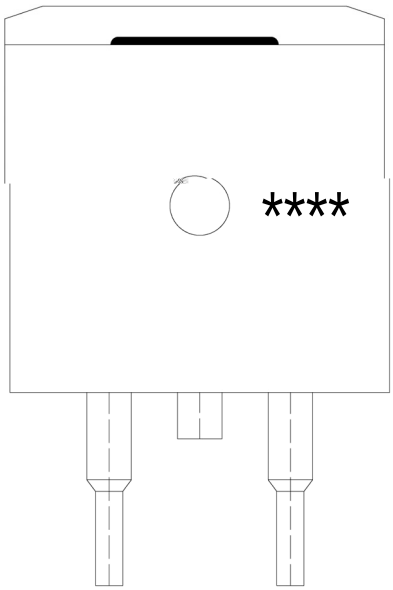


/ Package Dimensions



	Min	Max	Min
A	4.30	4.70	
B	1.00	1.40	
e1			2.34
b1	1.15	1.35	
L1			
15.00	16.00		

/ Marking Instructions



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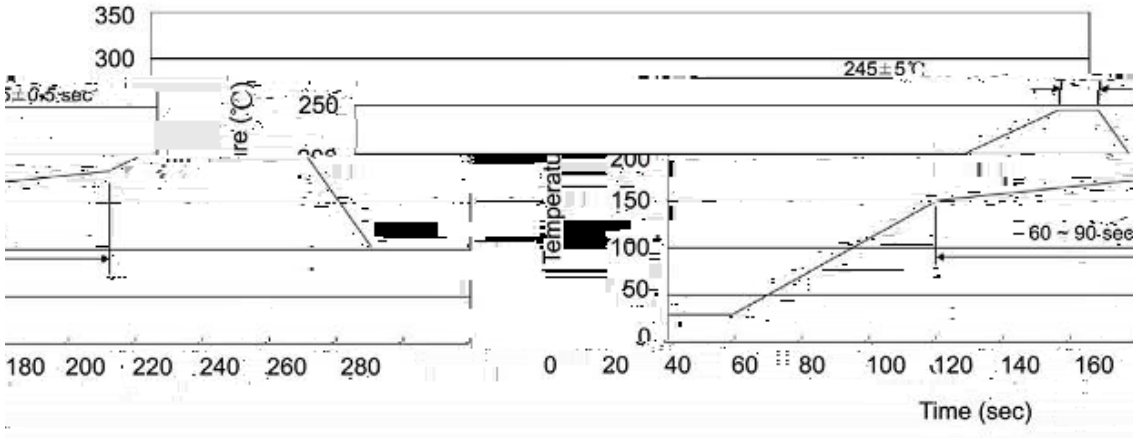
( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

ß m ù ´	g m ô h	g m d Ê !
	Reel / | í Reel | í / ç Box / ç	