

/ Descriptions

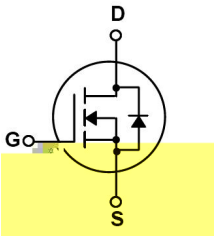
/ Features

Ultra Low On-Resistance,fast switching,HF product.

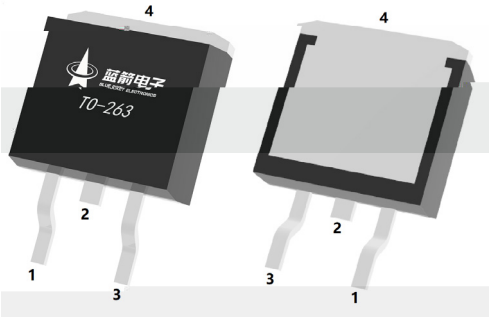
/ Applications

LED

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25)

			±	
				℃
	≤			
		*		
		*		

/ Electrical Characteristics(Ta=25)

		μ				
						μ
					±	
		μ				
						Ω
						Ω

BRCS065N08SHBD

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/ Electrical Characteristic Curve

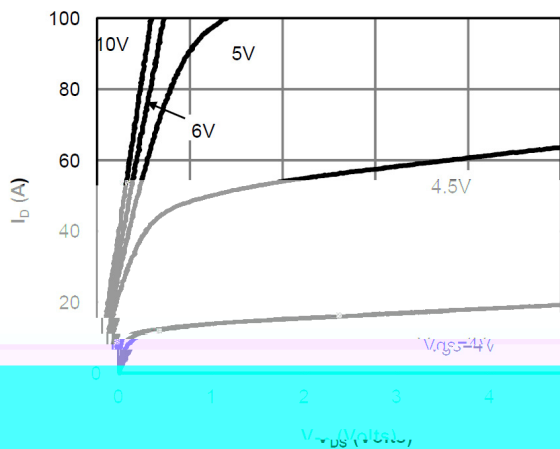


Fig 1: On-Region Characteristics

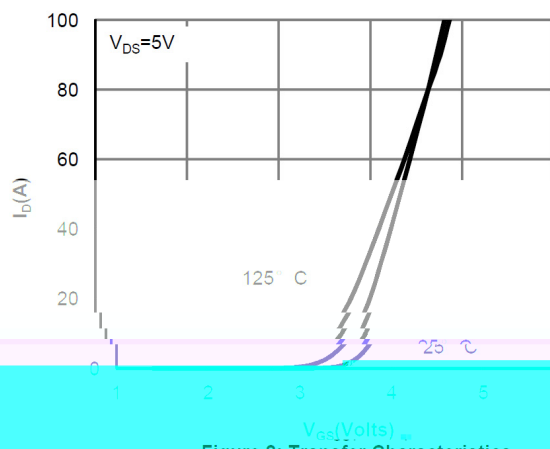


Figure 2: Transfer Characteristics

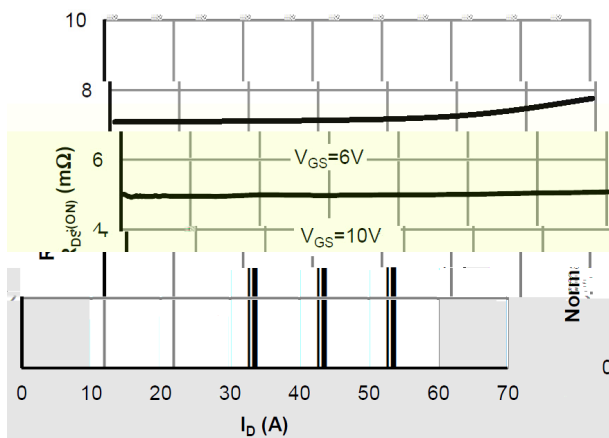


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

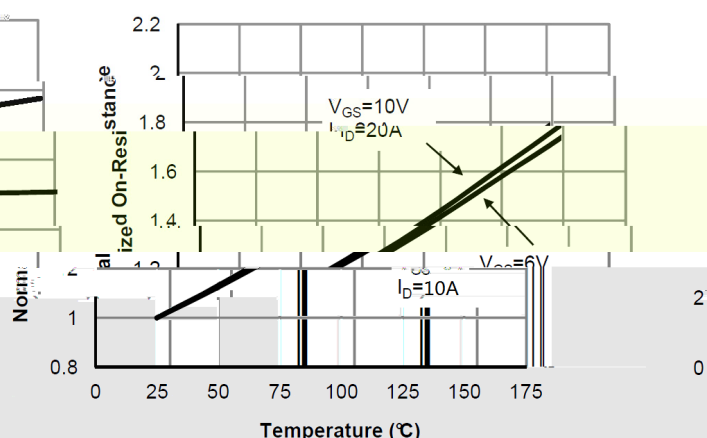
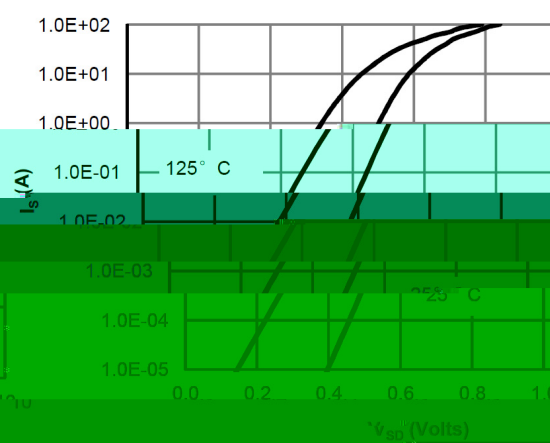
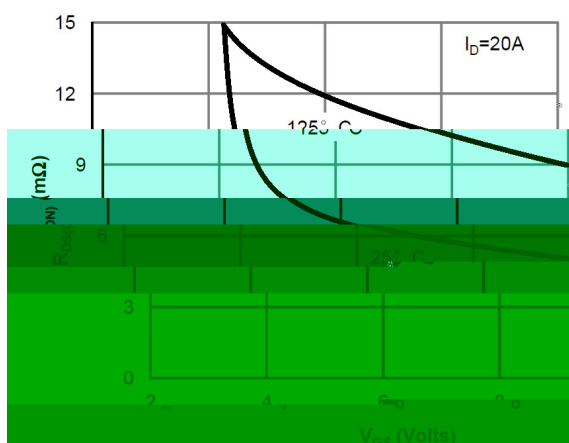


Figure 4: On-Resistance vs. Junction Temperature



/ Electrical Characteristic Curve

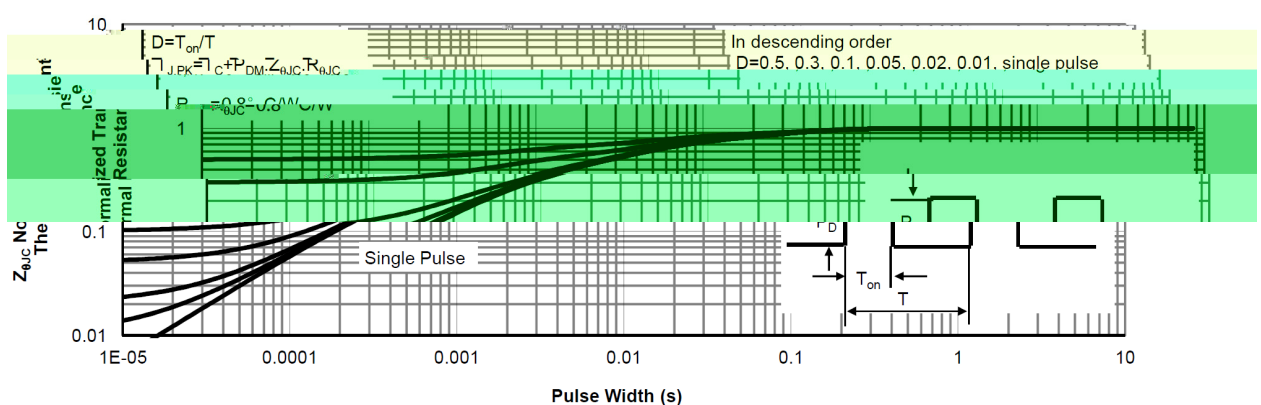
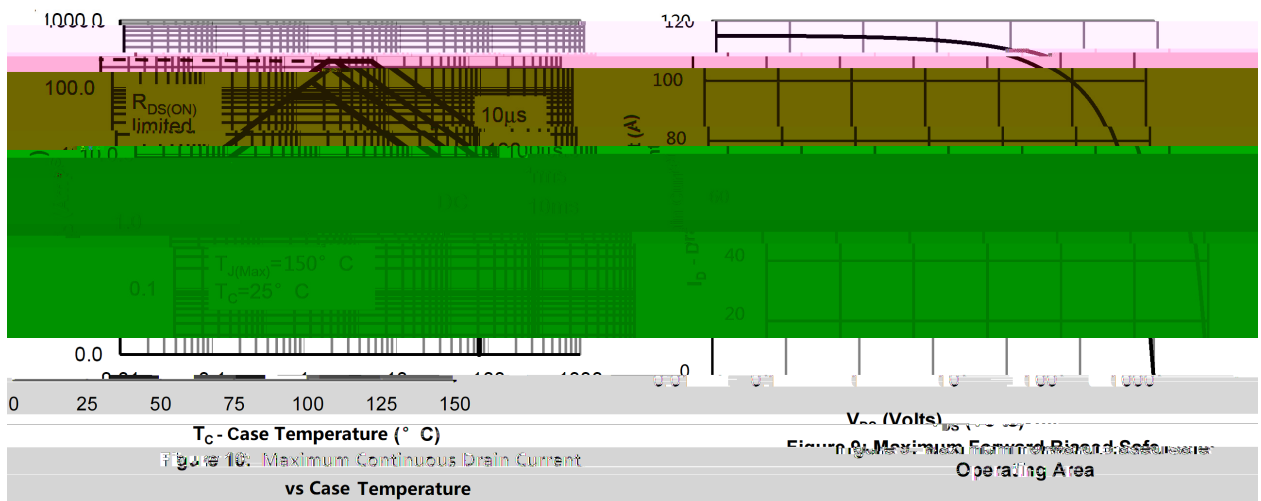
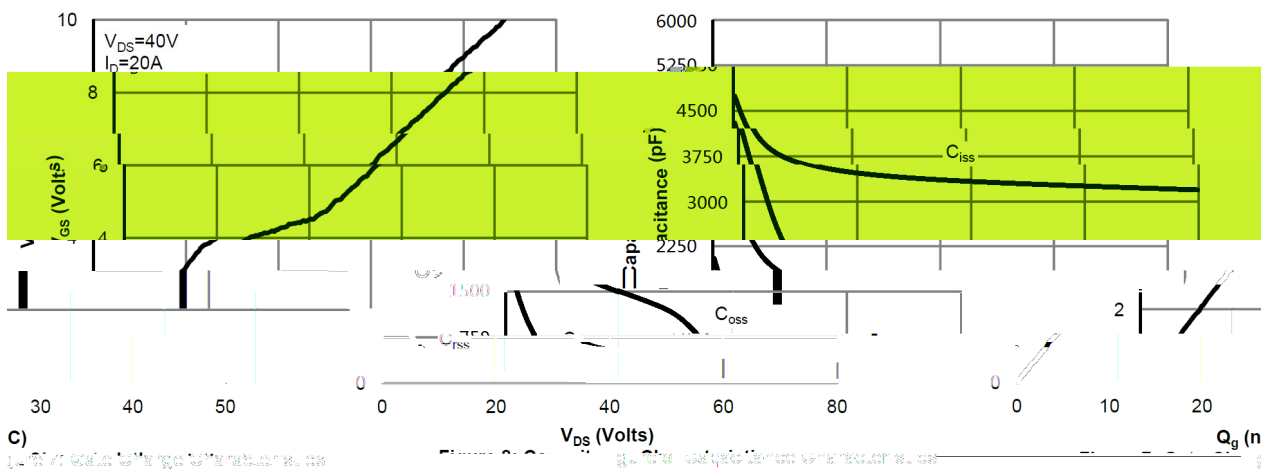
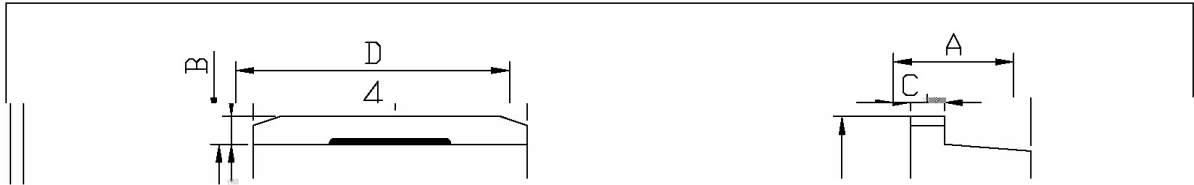


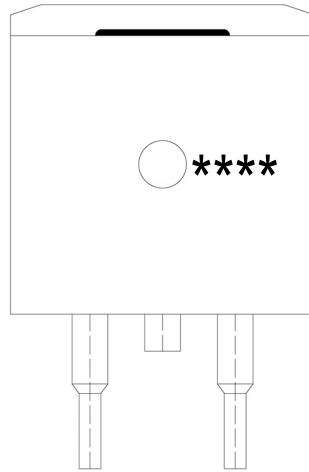
Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



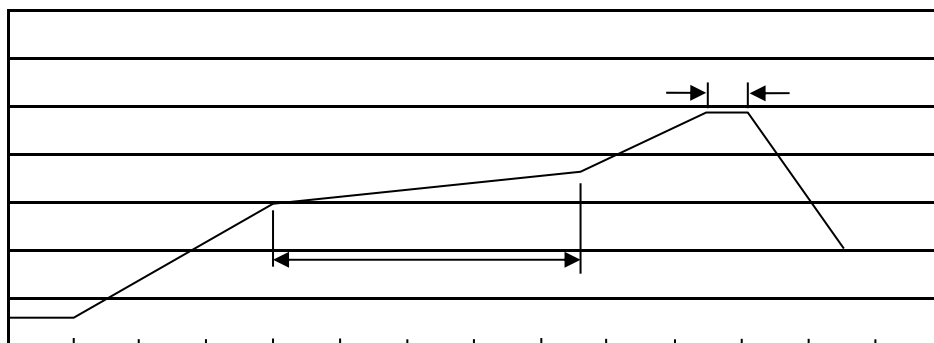
单位: mm							
Symbol	Dimensions in Millimeters		Symbol	Dimensions in Millimeters			
	Min	Max		Min	Max		
A	4.30	4.70	E	9.00	9.40		
E	1.00	1.40	e1	2.24	2.74		
b	0.70	0.90	e2	4.88	5.24		
b1	1.15	1.35	L1	15.00	16.00		
b2	0.40	0.60	L2	2.24	2.90		
C	1.20	1.40	L3	1.20	1.60		
D	9.80	10.20					

/ Marking Instructions



BR

065N08SH

 $\pm$ $\pm$ $\pm$ $\pm$ $\pm$ $\pm$

°C

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

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box

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