

Rev.B Feb.-2017

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	600	V
Drain Current	I_D	7	A
Drain Current - Pulsed	I_{DM}	28	A
Gate-Source Voltage	V_{GSS}	± 30	V
Single Pulsed Avalanche Energy	E_{AS}	500	mJ
Repetitive Avalanche Energy	E_{AR}	54	mJ
Single Pulse Avalanche Current	I_{AS}	3.3	A
Power Dissipation	$P_D(T_c=25^\circ\text{C})$	95	W
Junction and Storage Temperature Range	T_J, T_{STG}	-55 to 150	

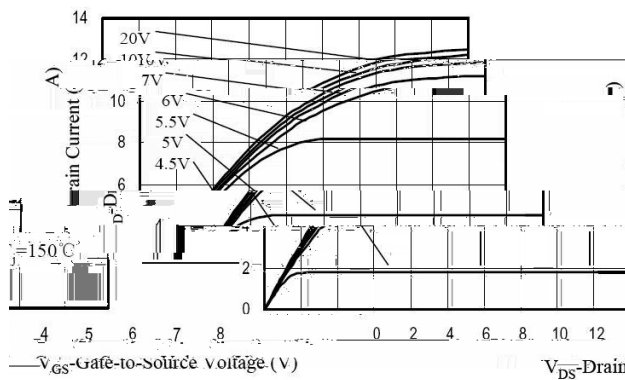
Figure1. Output Characteristics ($T_J=25^{\circ}\text{C}$)


Figure5. Transfer Characteristics

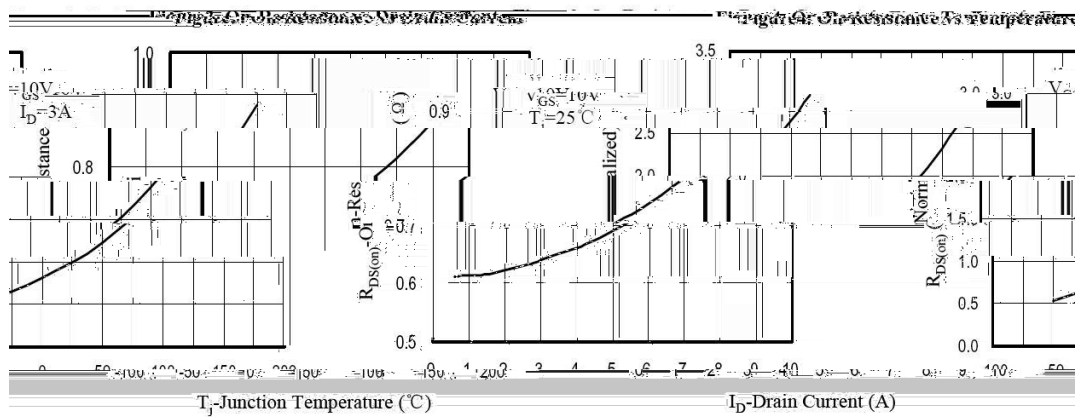
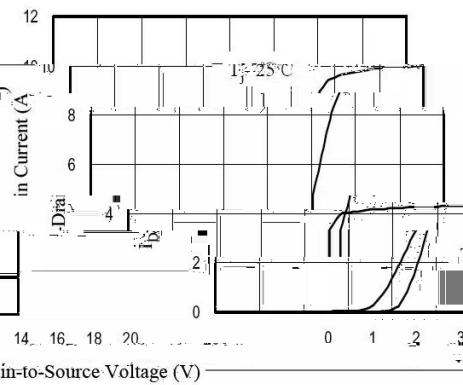


Figure6. Threshold Voltage vs. Temperature

Figure9. Body Diode Forward Voltage

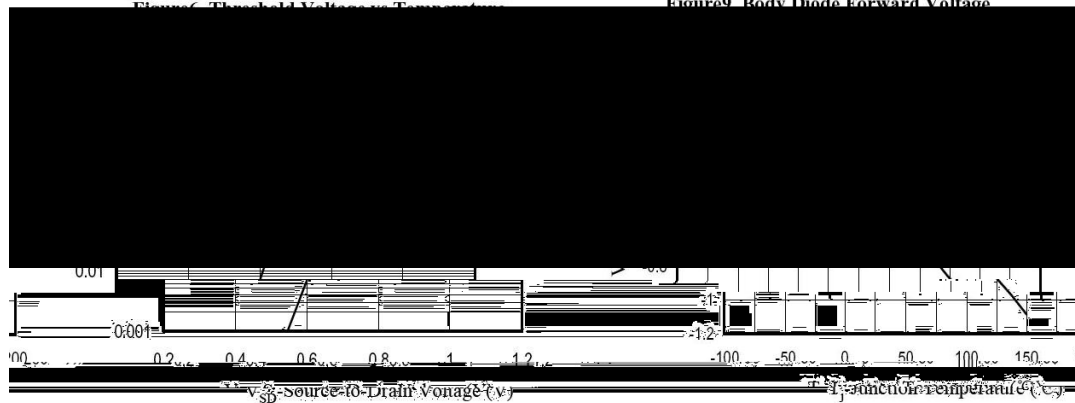
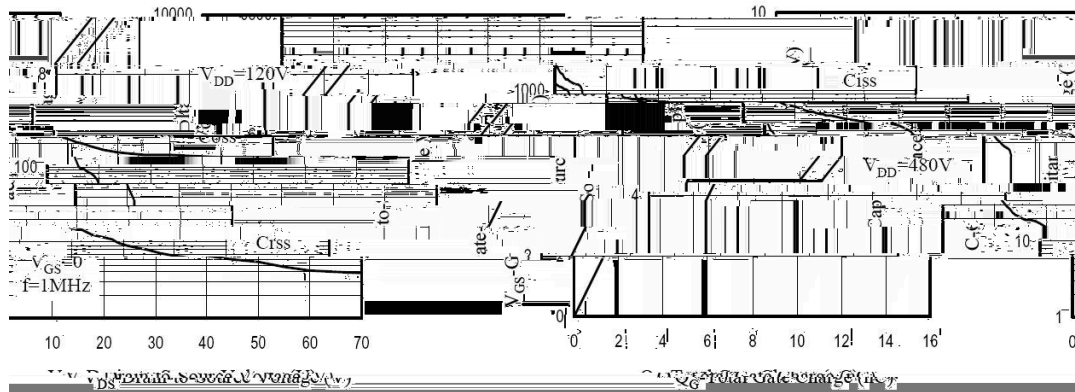
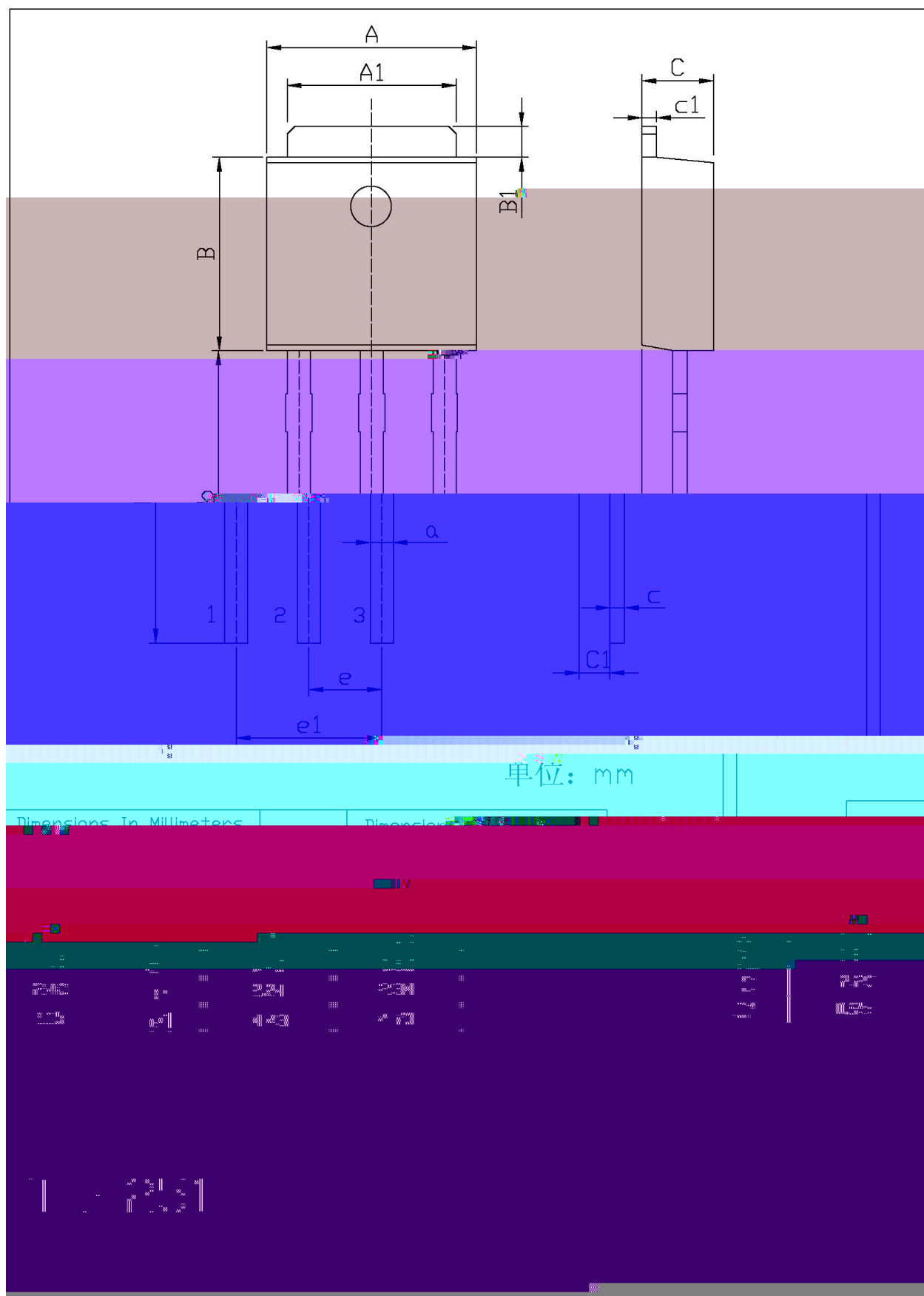
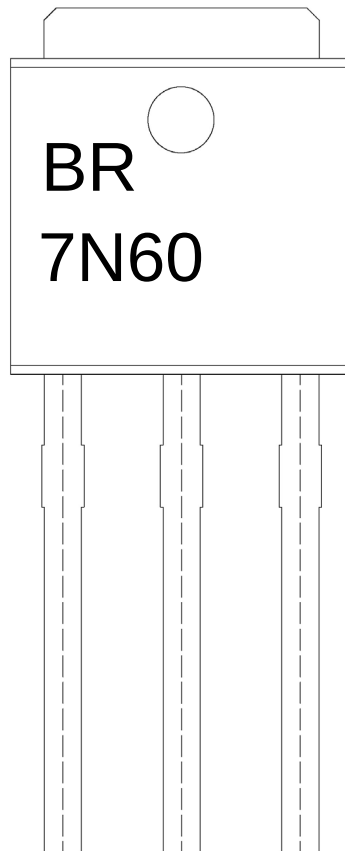


Figure7. Capacitance

Figure8. Gate Charge







BR
7N60

Note:

BR: Company Code

7N60: Product Type.

****: Lot No. Code, code change with Lot No.

1	25	150	60	90sec;	Note:	1.Preheating:25~150 , Time:60~90sec.
2	255	5	5	0.5sec;	2.Peak Temp.:255 5 , Duration:5 0.5sec.	
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.	

270	5	10	1 sec.	Temp.:270±5	Time:10±1 sec
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/ BULK

Package Type 封装形式	Units 包装 units 装	a	尺寸	N	"
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