

BRI7N60
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	$P_D(T_c=25)$		

/ **Electrical Characteristic Curve**

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

Figure5. Transfer Characteristics

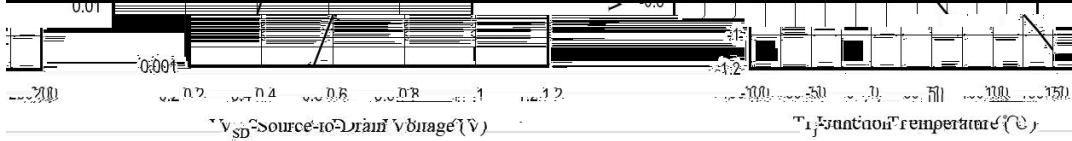
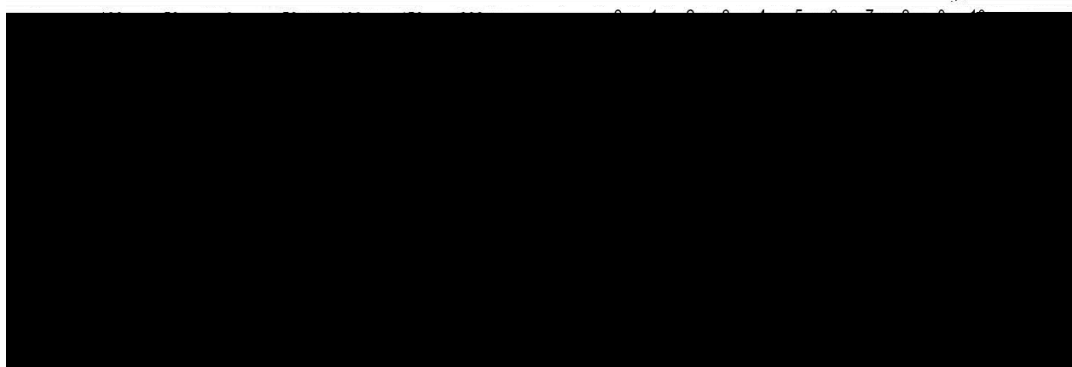
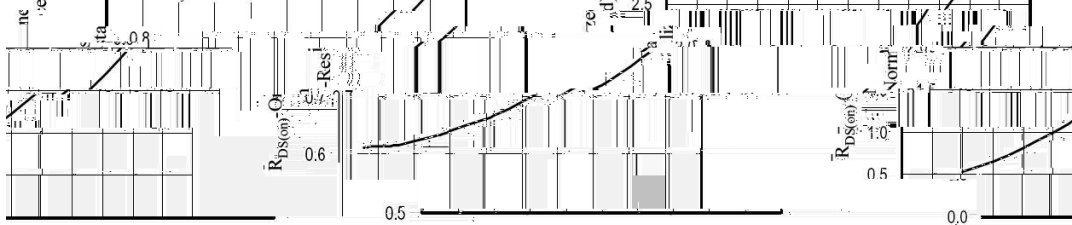
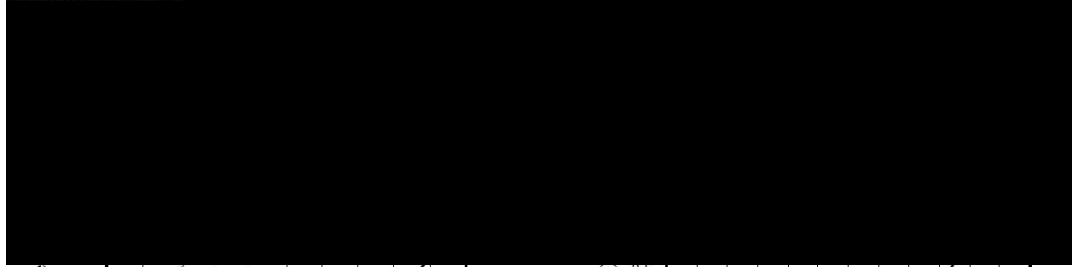
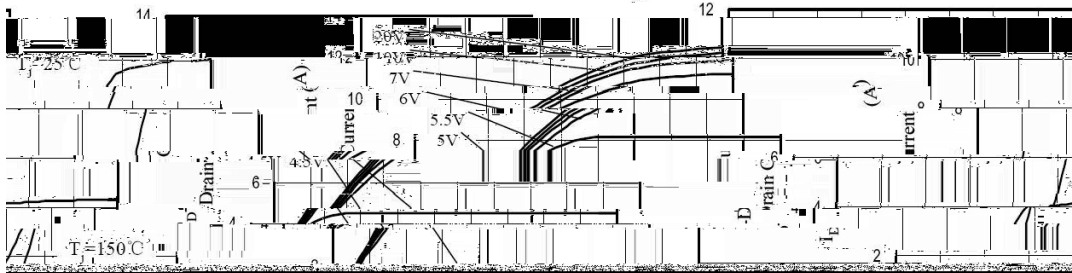
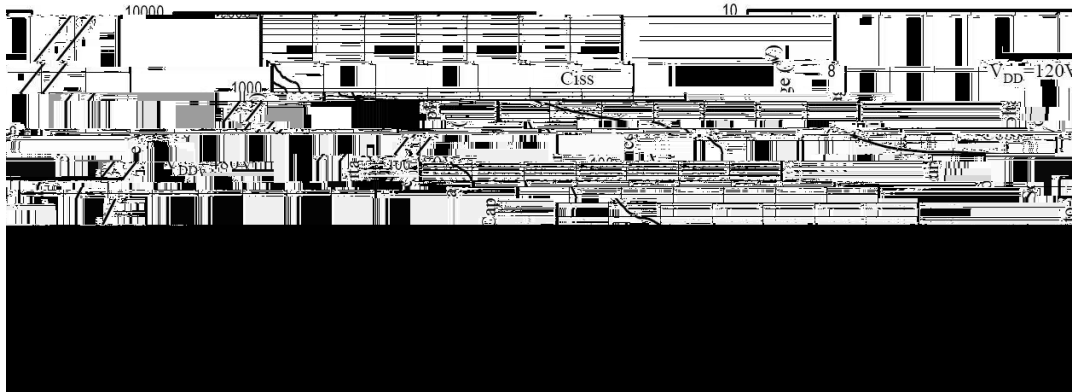
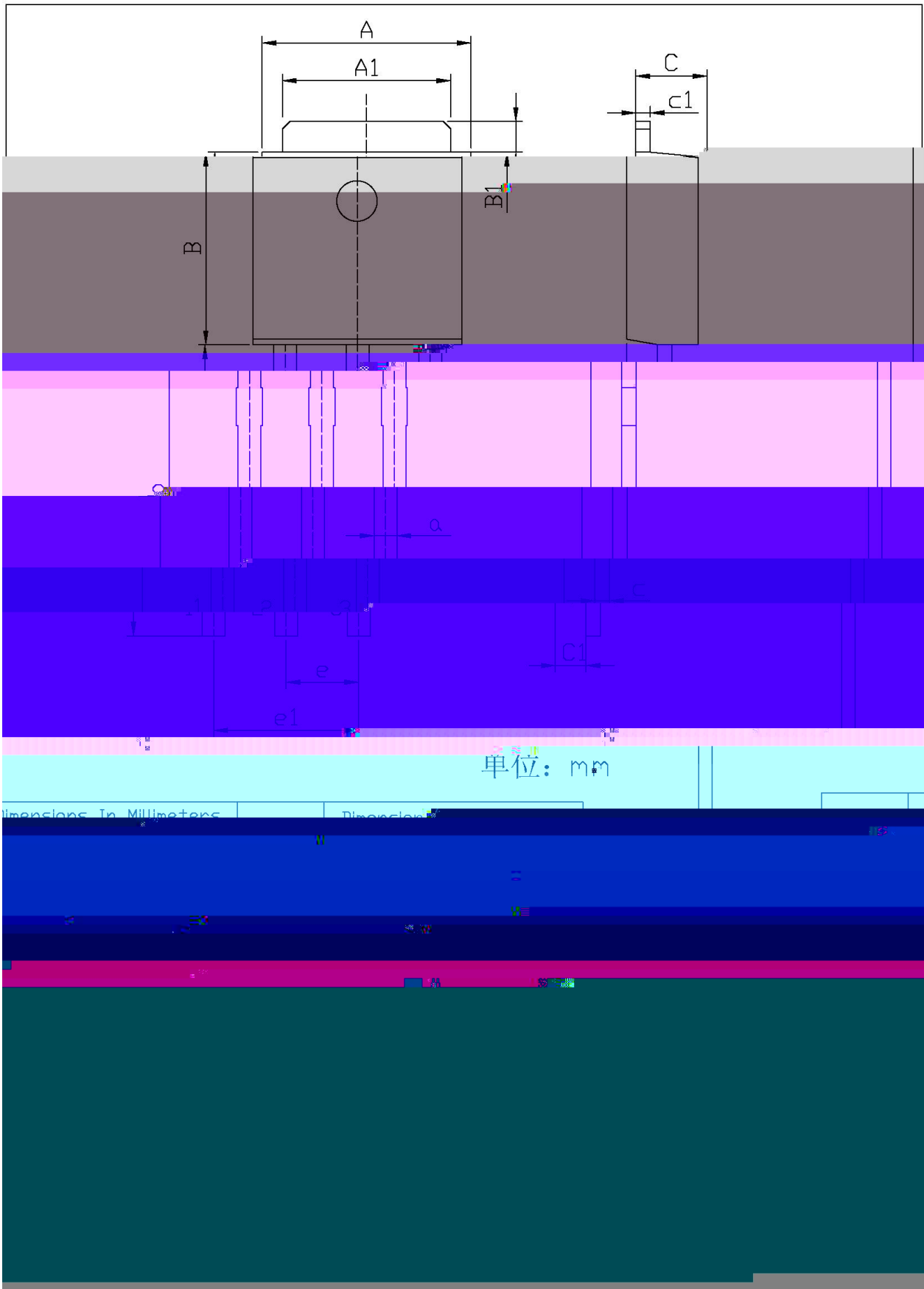


Figure7. Capacitance

Figure8. Gate Charge



/ Package Dimensions



() / Temperature Profile for Dip Soldering(Pb-Free)

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

/ Resistance to Soldering Heat Test Conditions

270±5 10±