

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

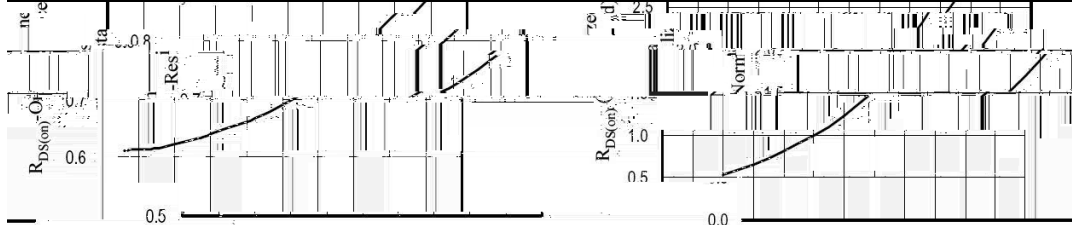
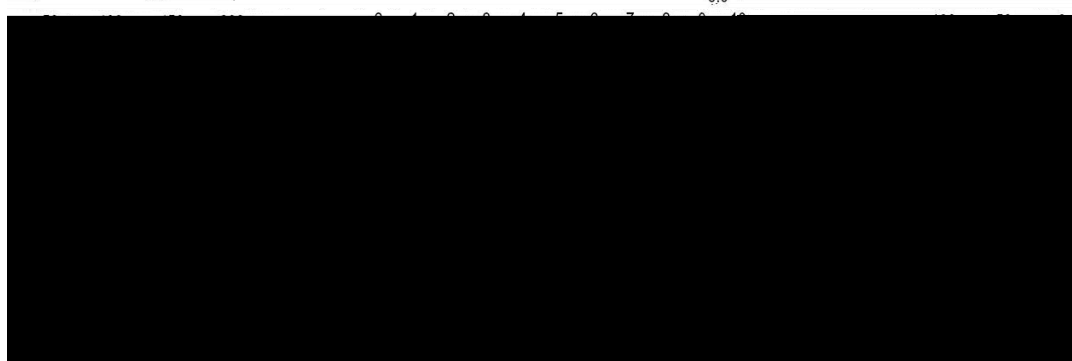
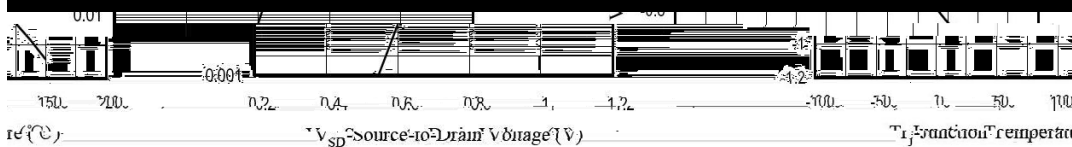
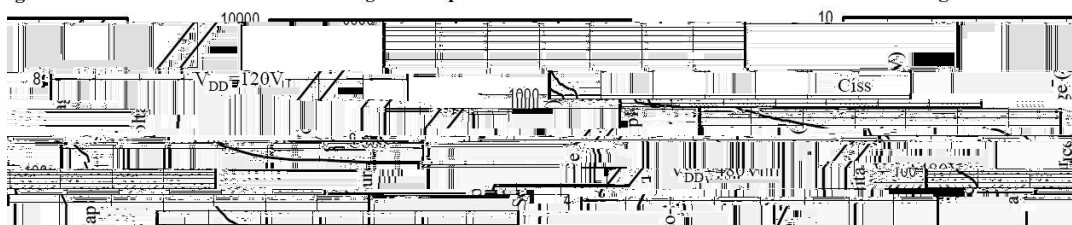
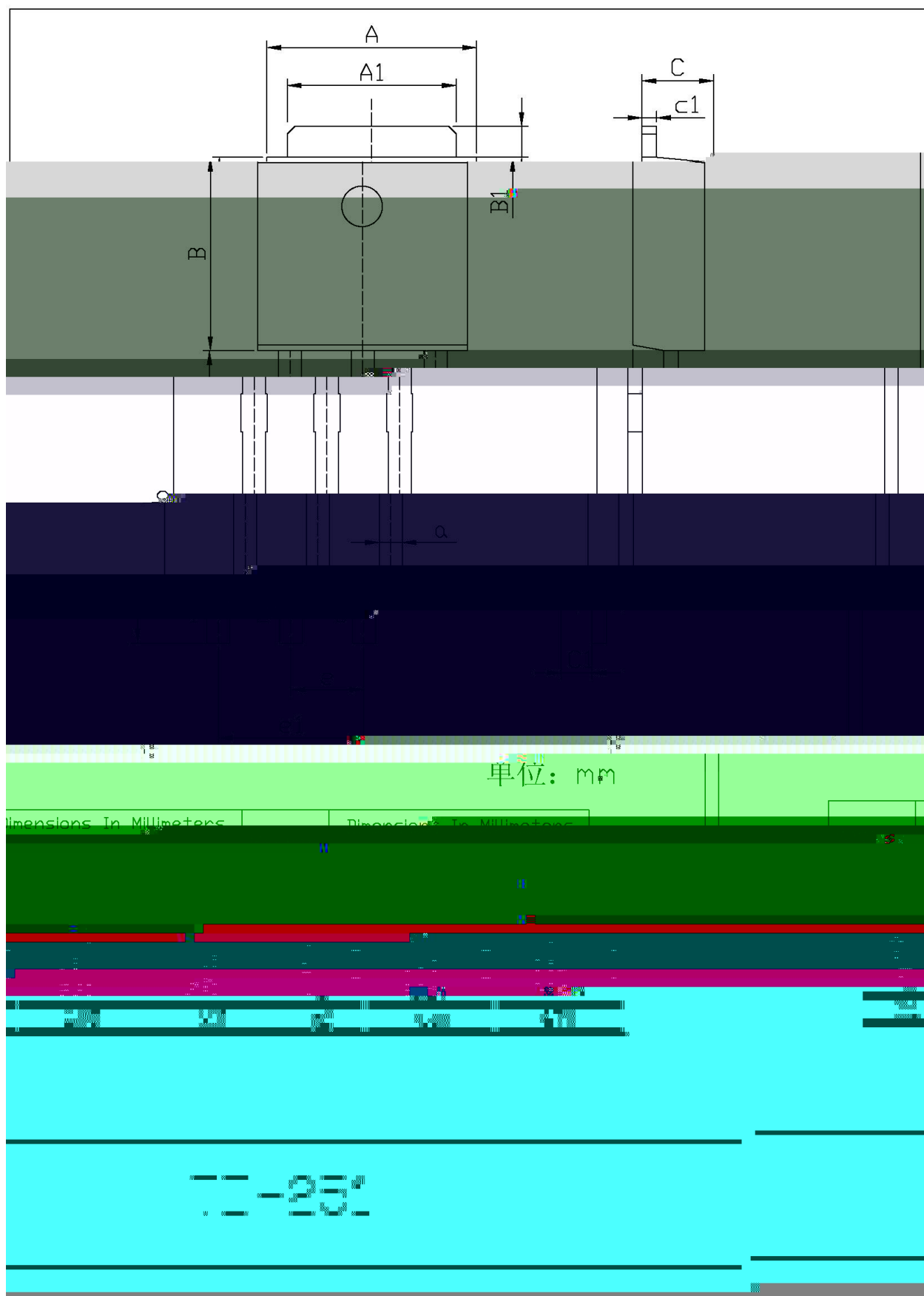


Figure7. Capacitance



/ Package Dimensions



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

Note:

- | | | | | | |
|---|-------|-----|----|-----------|---|
| 1 | 25 | 150 | 60 | 90sec; | 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. |

/ Resistance to Soldering Heat Test Conditions

270±5 10±