Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}		

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Continuous Diode Forward Current	I_S				4	A
Total Gate Charge	Q_g	V_{DS}=520V I_D=2A V_{GS}=10V				

/ Electrical Characteristic Curve

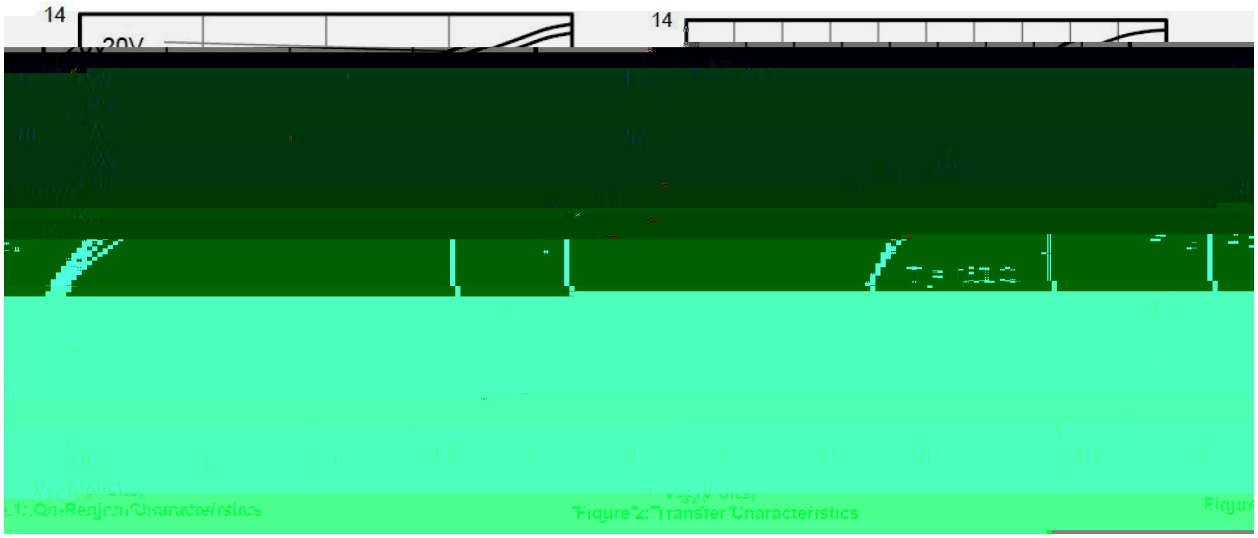
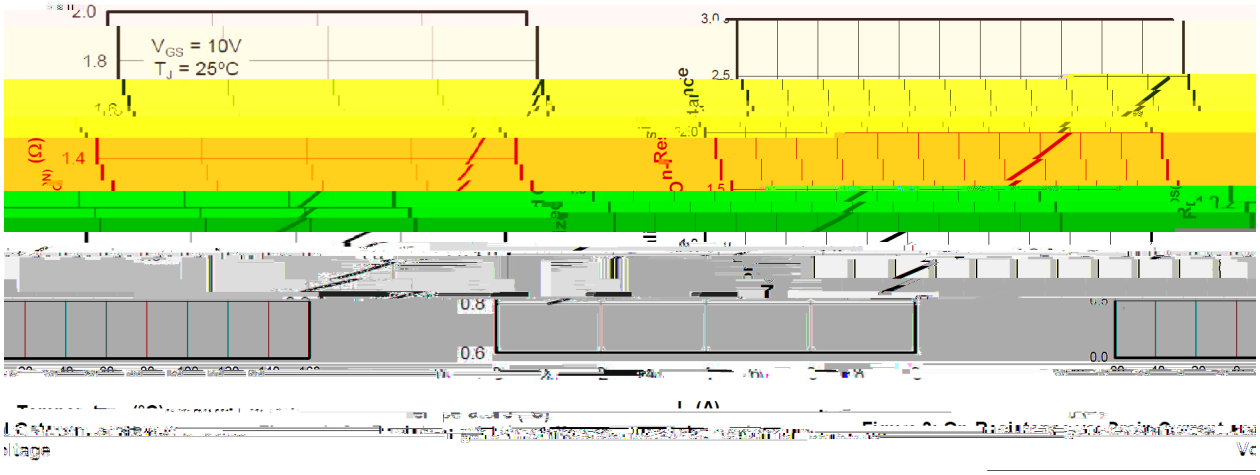
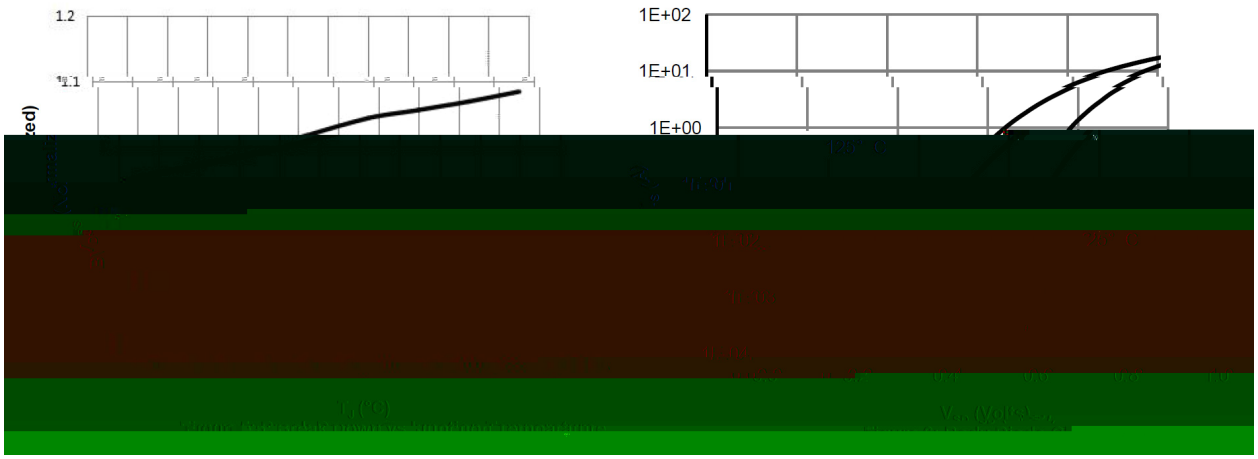
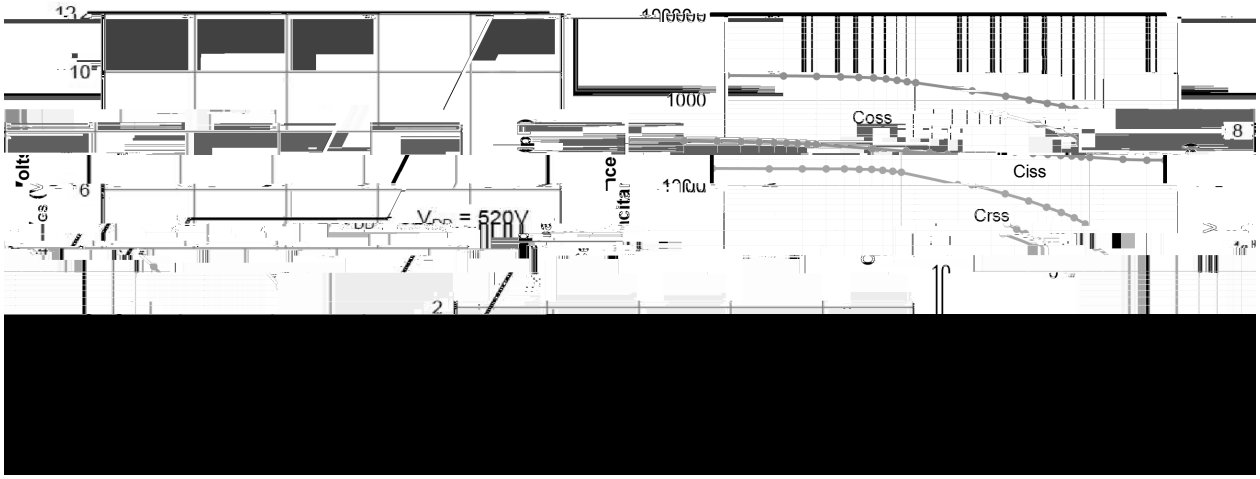


Figure 2: Transfer Characteristics





/ Electrical Characteristic Curve



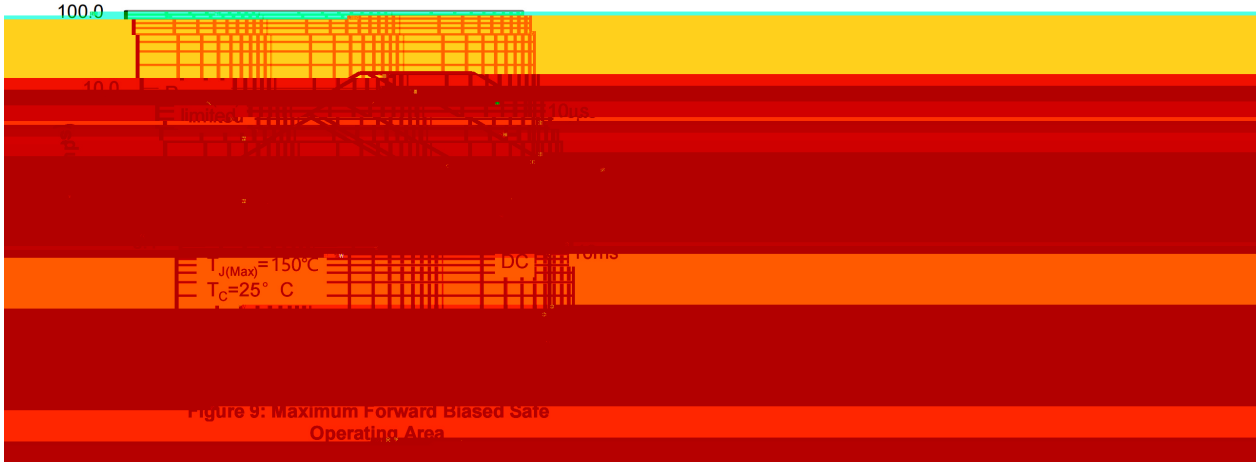
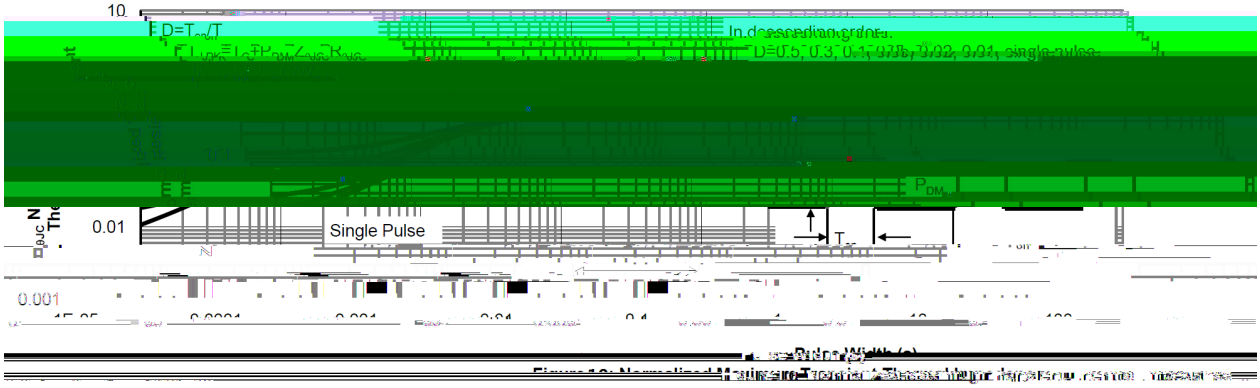
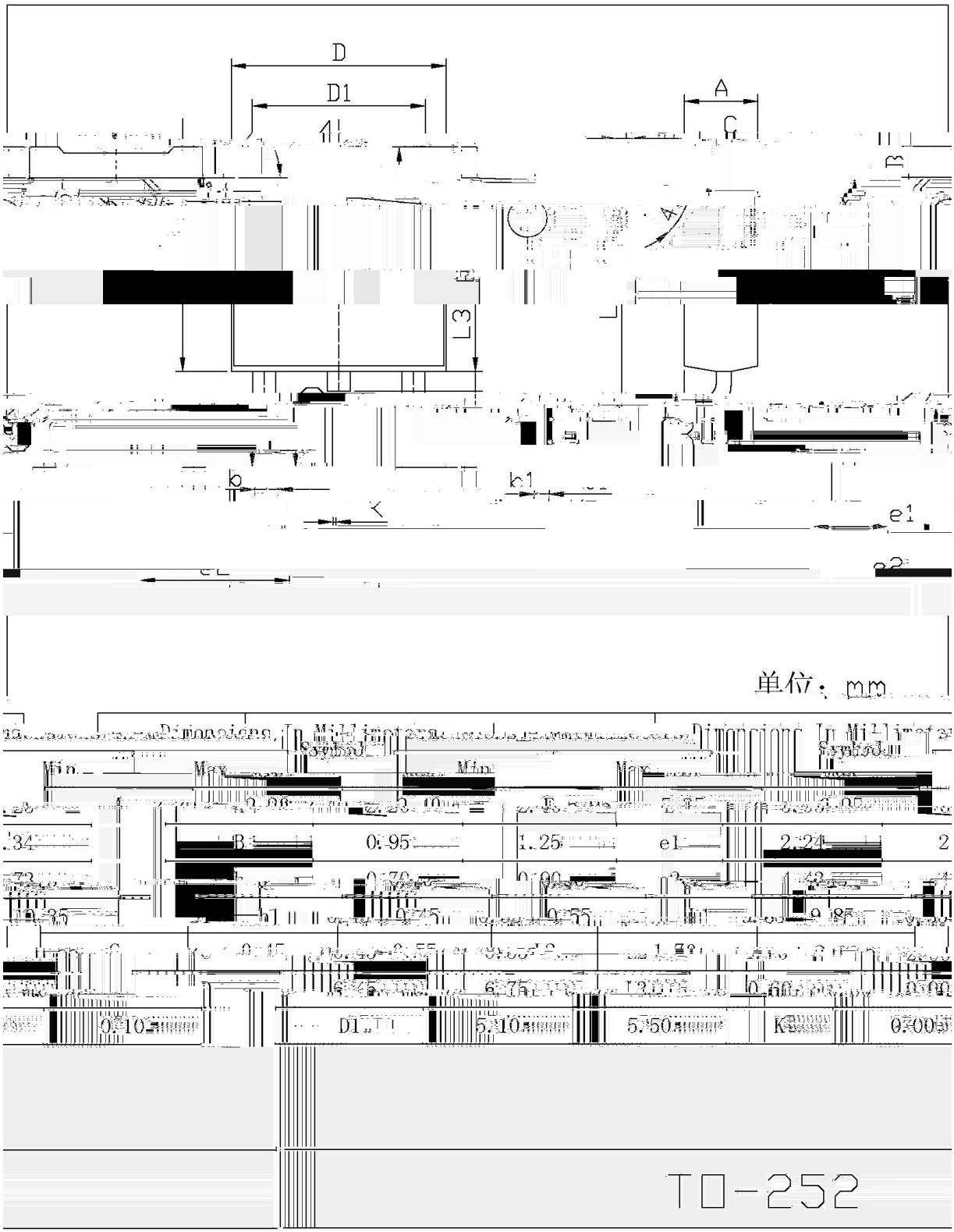


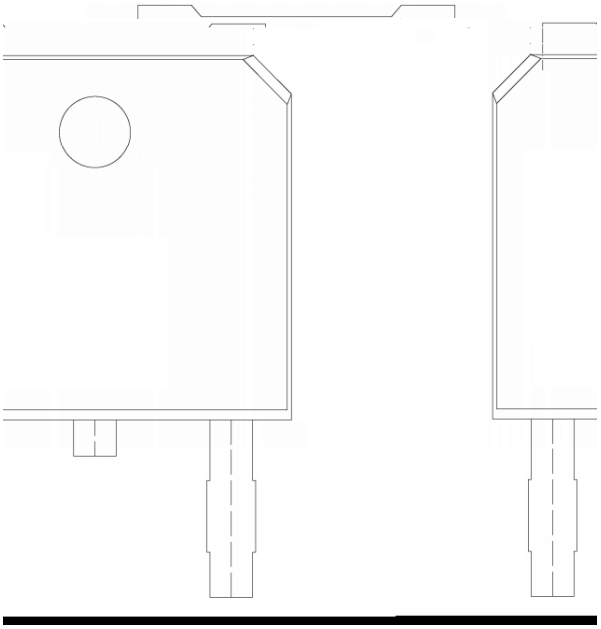
Figure 9: Maximum Forward Biased Safe Operating Area



/ Package Dimensions



/ Marking Instructions



BR

Note:

BR: Company Code

65R1K2T: Product Type Code