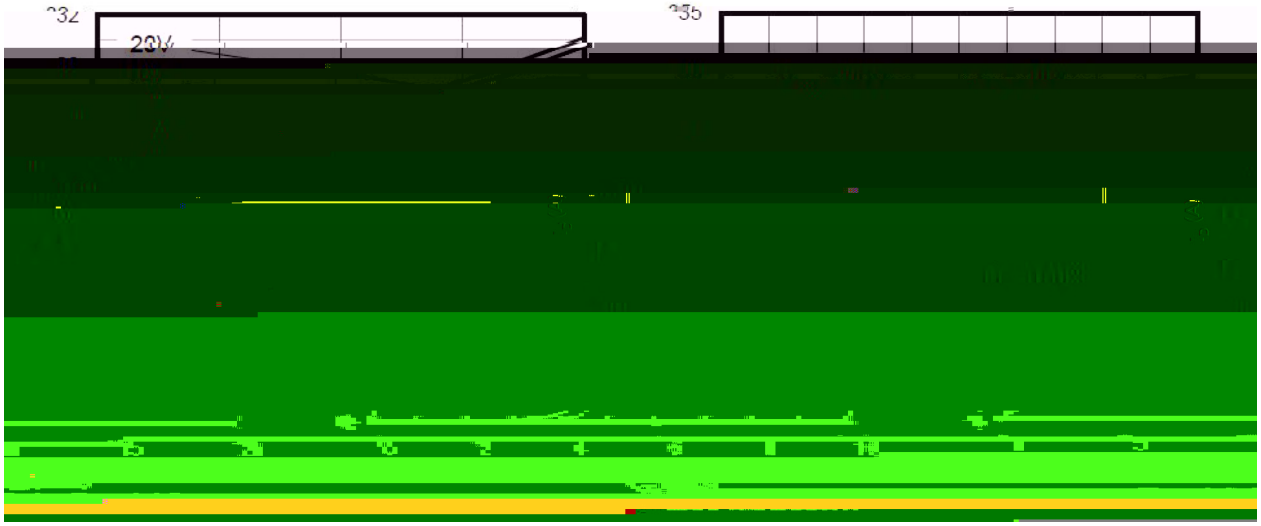
BRFL65R380C

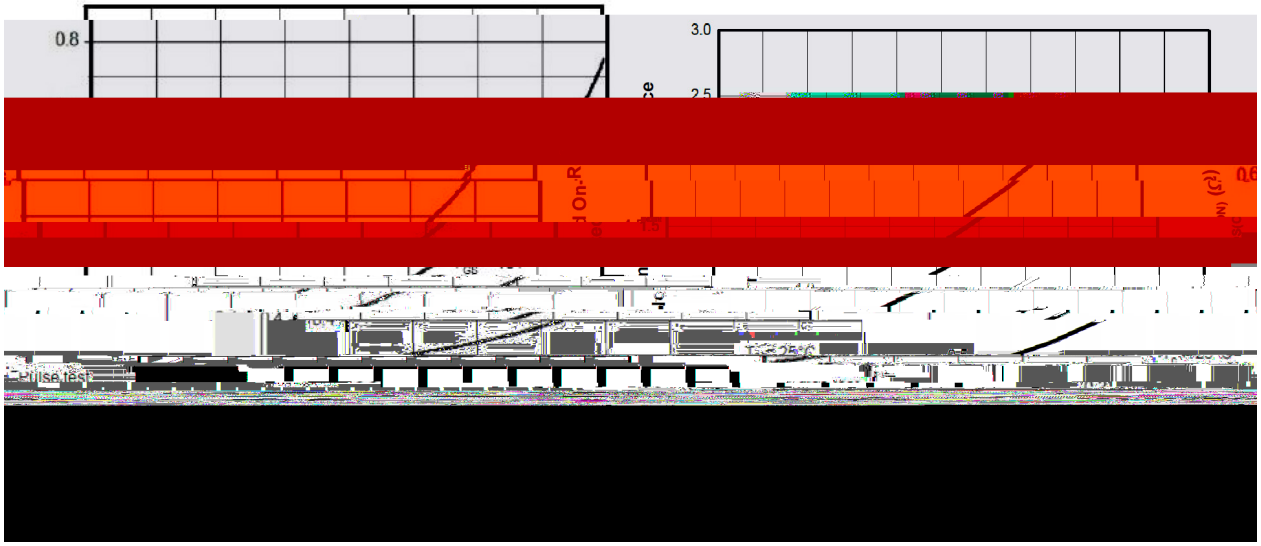
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	650	V
Drain Current	I_D(Tc=25)	11	A
Drain Current- Pulsed	I_{DM}	44	A
Gate-Source Voltage	V_{GS}	±30	V
Single Pulsed Avalanche Energy	E_{AS}	277	mJ
Avalanche Current	I_{AS}	8	A
Power Dissipation	P_D(Tc=25)	27	W
Operating and Storage Temperature Range	T_J,T_{STG}	-55 to 150	-

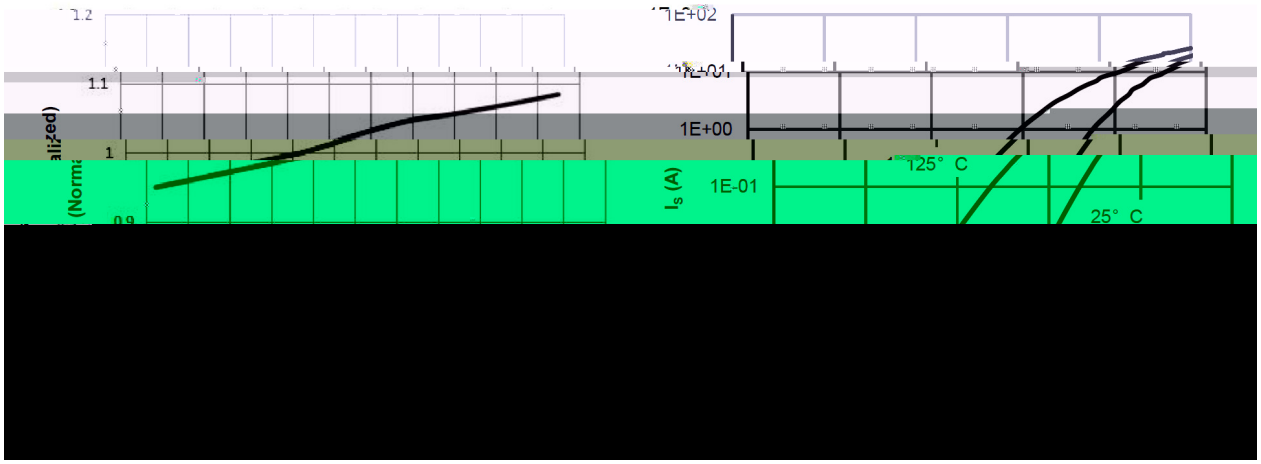
2. Electrical Characteristics(Ta=25℃)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Continuous Diode Forward Current	I_S				11	A
Total Gate Charge	Q_g	V_{DS}=480V I_D=5.5A V_{GS}=10V		19.2		nC
Gate-Source Charge	Q_{gs}			3.1		nC
Gate-Drain Charge	Q_{gd}			8.2		nC
Reverse recovery time	T_{rr}	V_R=400 V, I_F=5.5A, dI_F/dt=100 A/μs		310		ns
Reverse recovery charge	Q_{rr}			2.8		μC

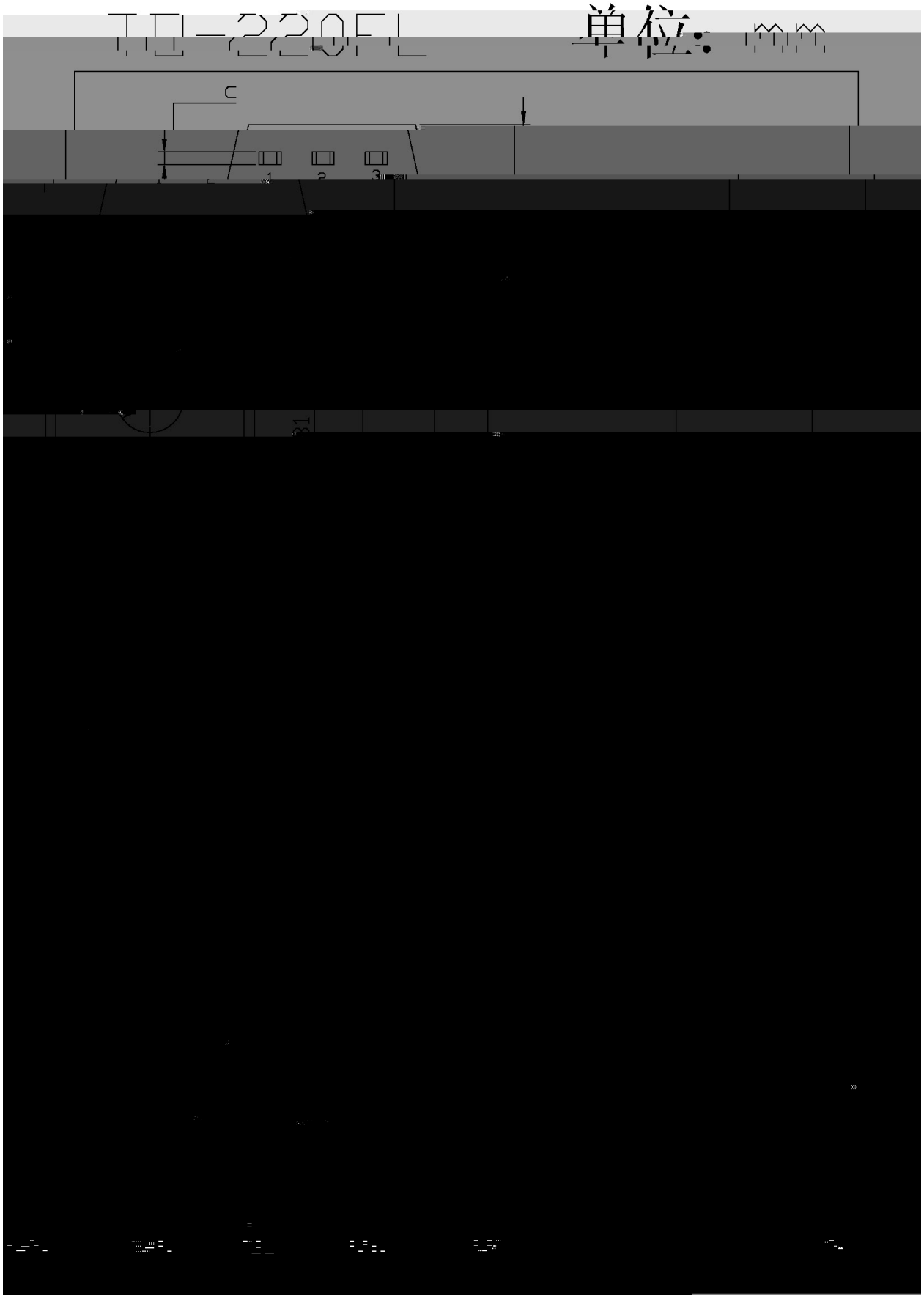
Ô? d ¢ / Electrical Characteristic Curve



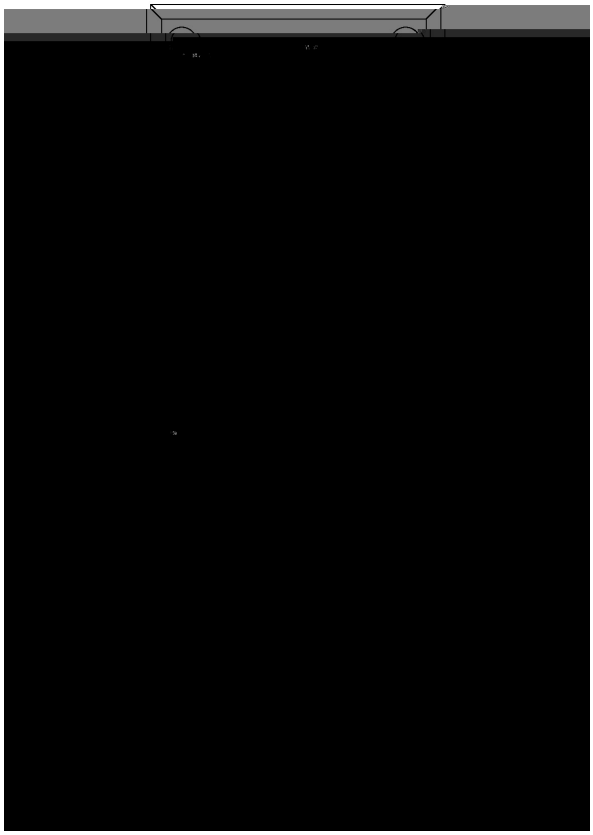




外形尺寸 / Package Dimensions



, M y / Marking Instructions



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Note:

BR:	Company Code
65R380C:	Product Type
****:	LotNo. Code, code change with LotNo

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