

**BRFL65R380C**

# BRFL65R380C

RevA JLi-2023

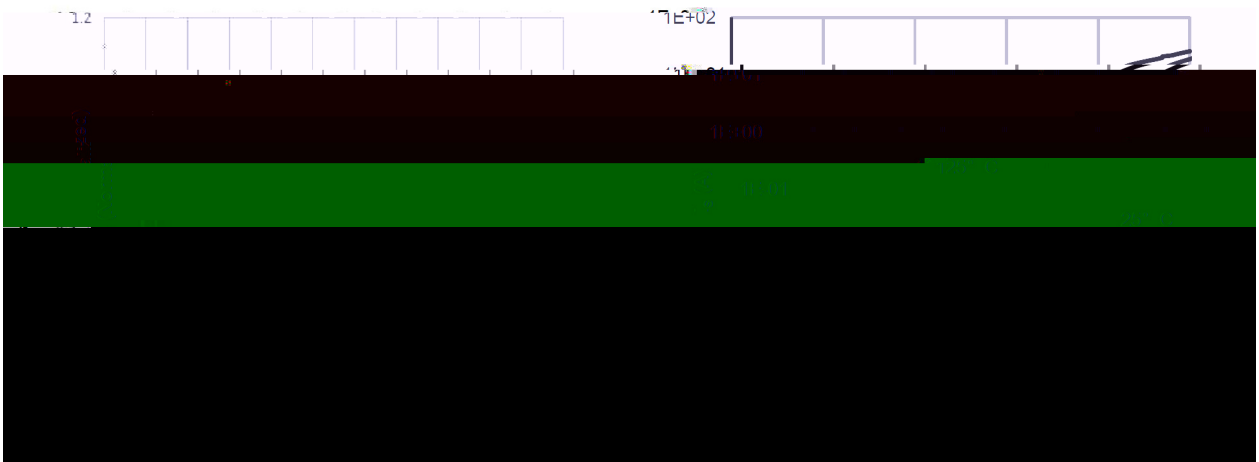
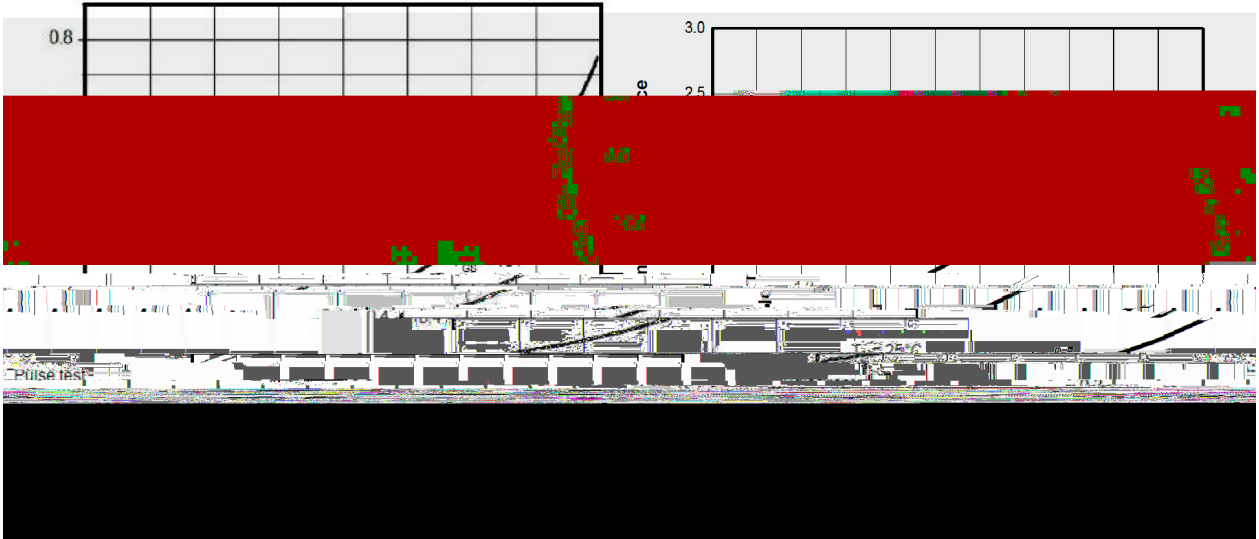
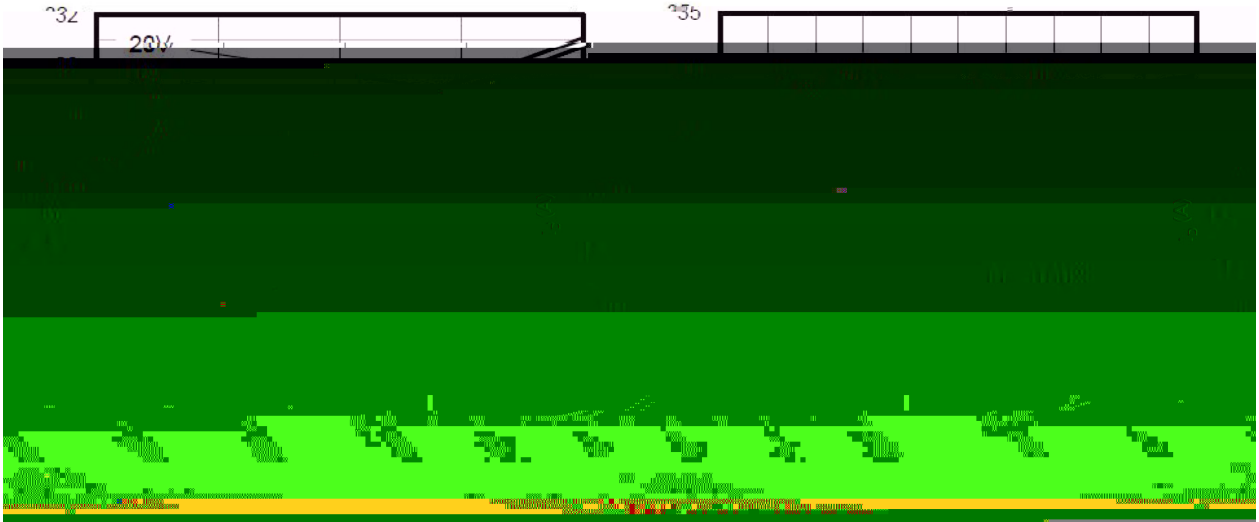
@ Parameter	Z Symbol	Rating	% y Unit
Drain-Source Voltage	$V_{DSS}$	650	V
Drain Current	$I_D(T_c=25^\circ\text{C})$	11	A
Drain Current- Pulsed	$I_{DM}$	44	A
Gate-Source Voltage	$V_{GS}$	30	V
Single Pulsed Avalanche Energy	$E_{AS}$	277	mJ
Avalanche Current	$I_{AS}$	8	A
Power Dissipation	$P_D(T_c=25^\circ\text{C})$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

27.14 T-b-Ca943.5(V)R25 -.04 3TD.0004 585.6803 Tm-(0.025(54(A))TJ.6425 -.04 TD0 Tc0 T7Tc2d7.0172 0 0 7.0.0

## Electrical Characteristics (Ta=25 °C)

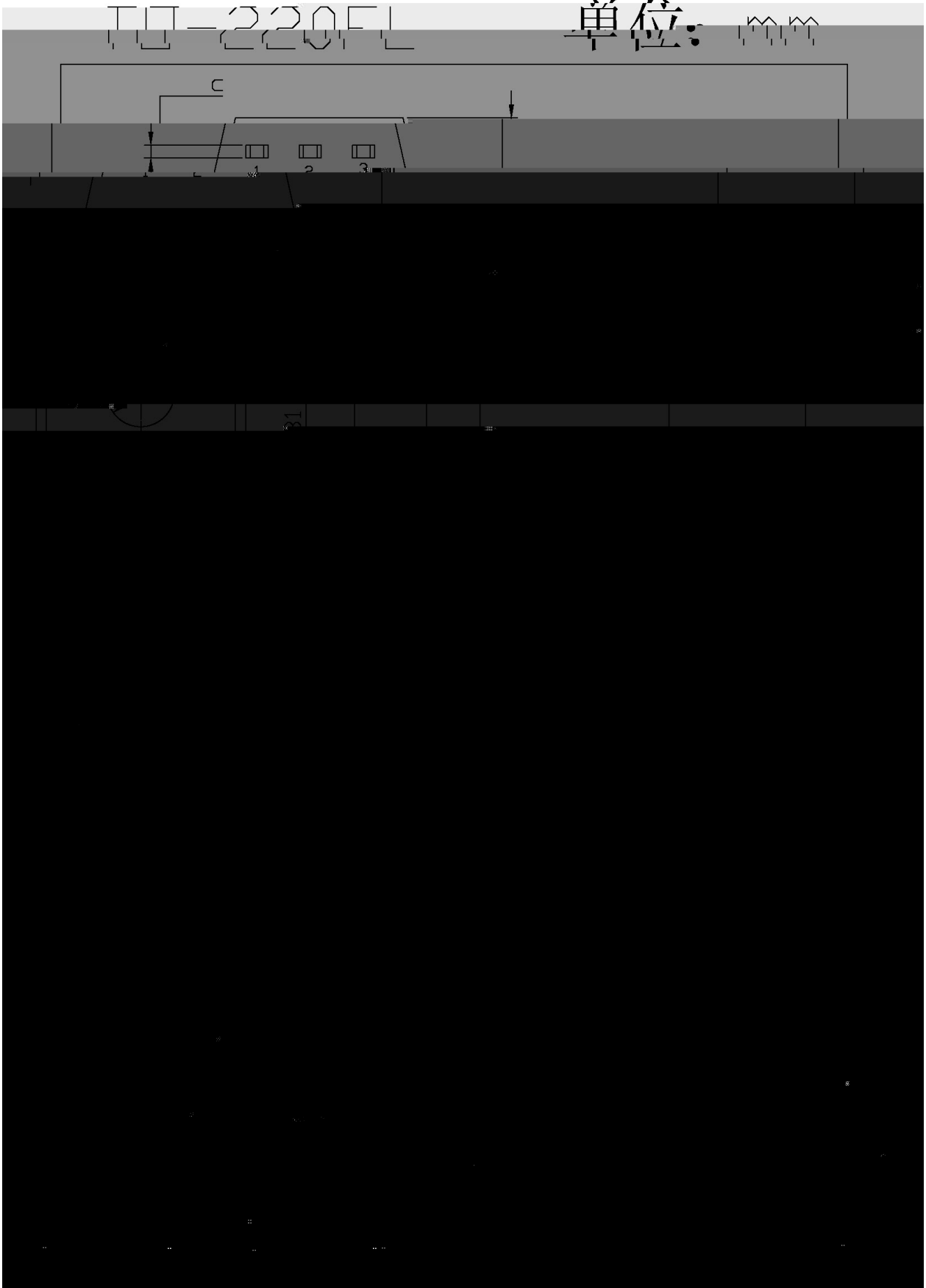
Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Continuous Diode Forward Current	$I_{FS}$				11	A
Total Gate Charge	$Q_g$	$V_{DS}=480V$ $I_D=5.5A$ $V_{GS}=10V$		19.2		nC
Gate-Source Charge	$Q_{gs}$			3.1		nC
Gate-Drain Charge	$Q_{gd}$			8.2		nC
Reverse recovery time	$T_{rr}$	$V_R=400V$ , $I_F=5.5A$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

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Ø/ = ) ⌀ / Package Dimensions



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BR y , [ W A  
8 ) y " Z W A  
y yD Z W A k yD Z J  
Note:  
BR: CompanyCode  
65R380C: ProdactType  
\*\*\*\*: LotNo. Code, code change in LotNo

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RevA J1-2023



蓝箭电子  
BLUE ROCKET ELECTRONICS

DATA SHEET

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