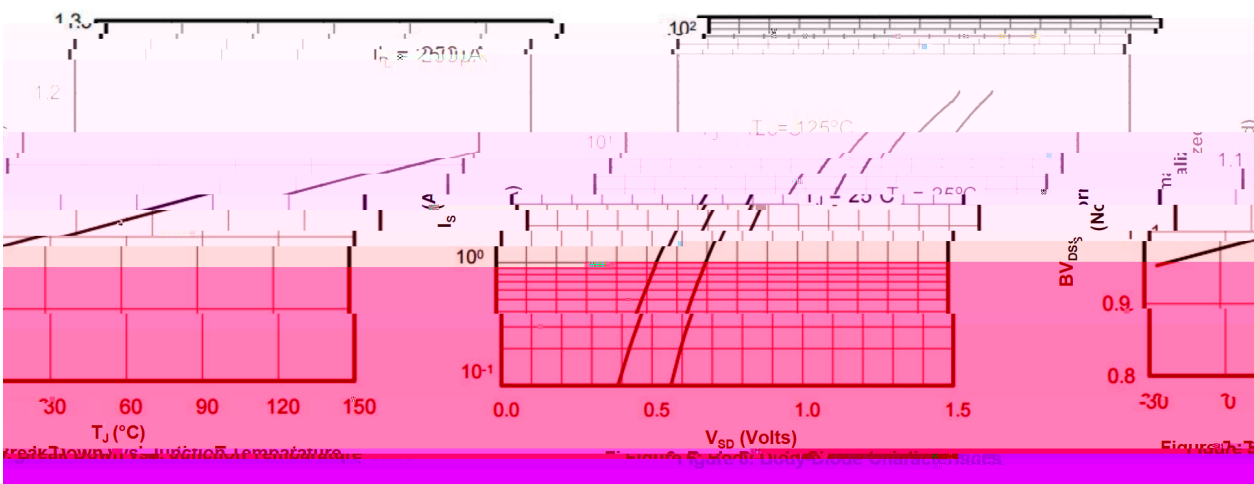
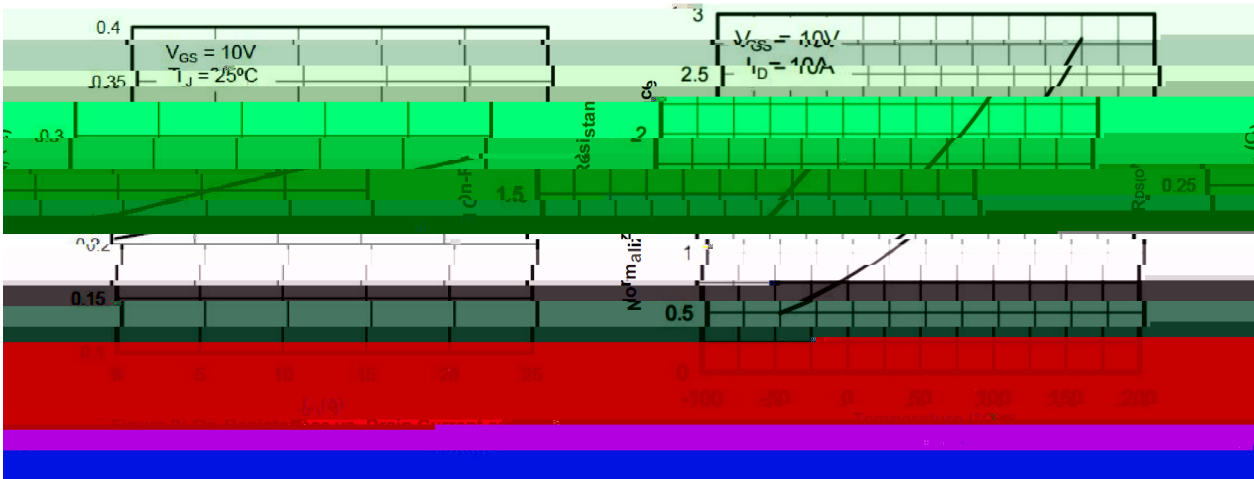
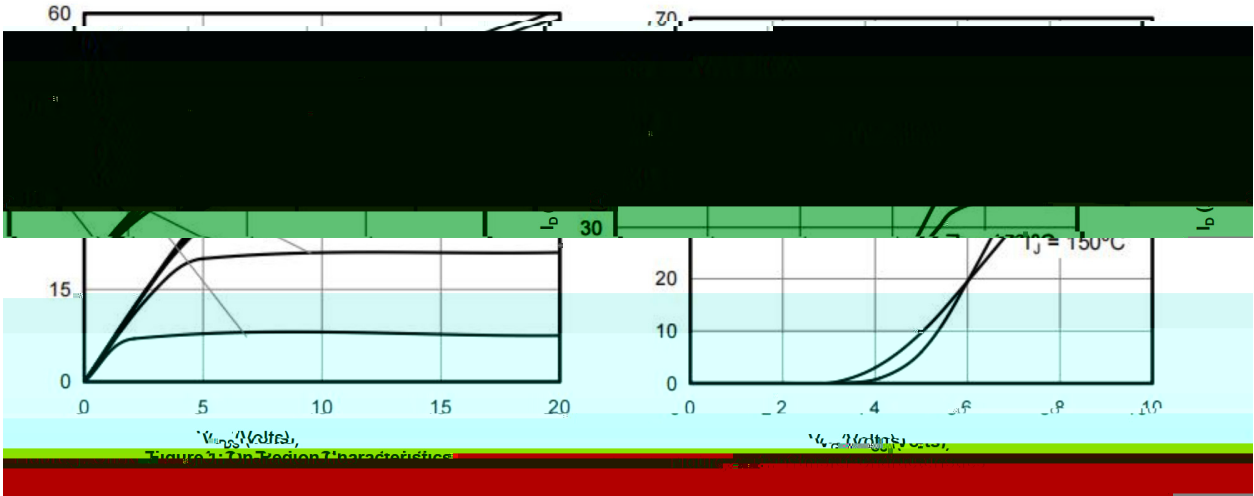


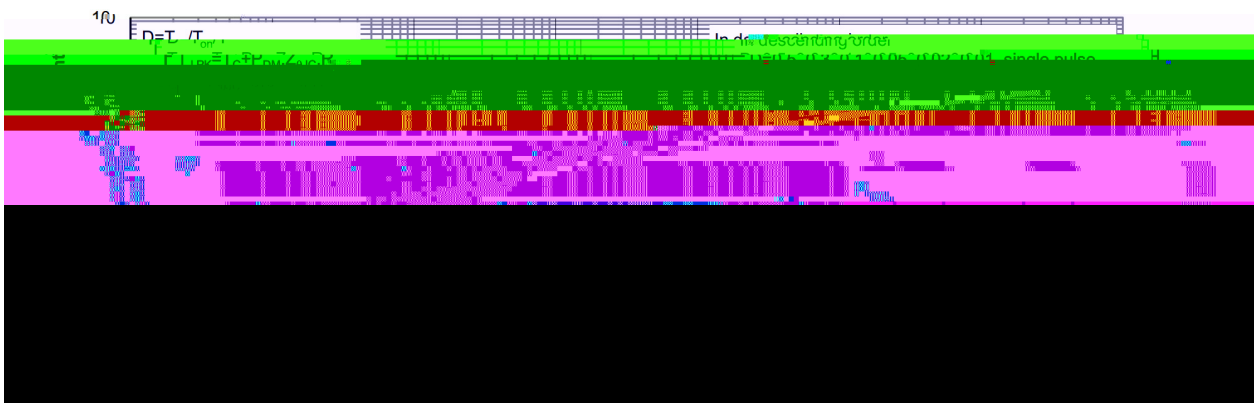
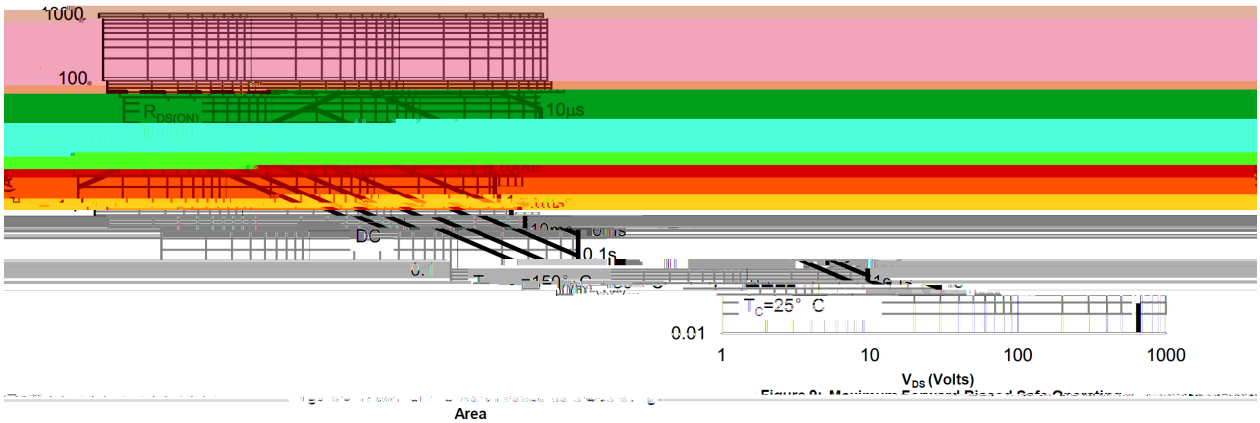
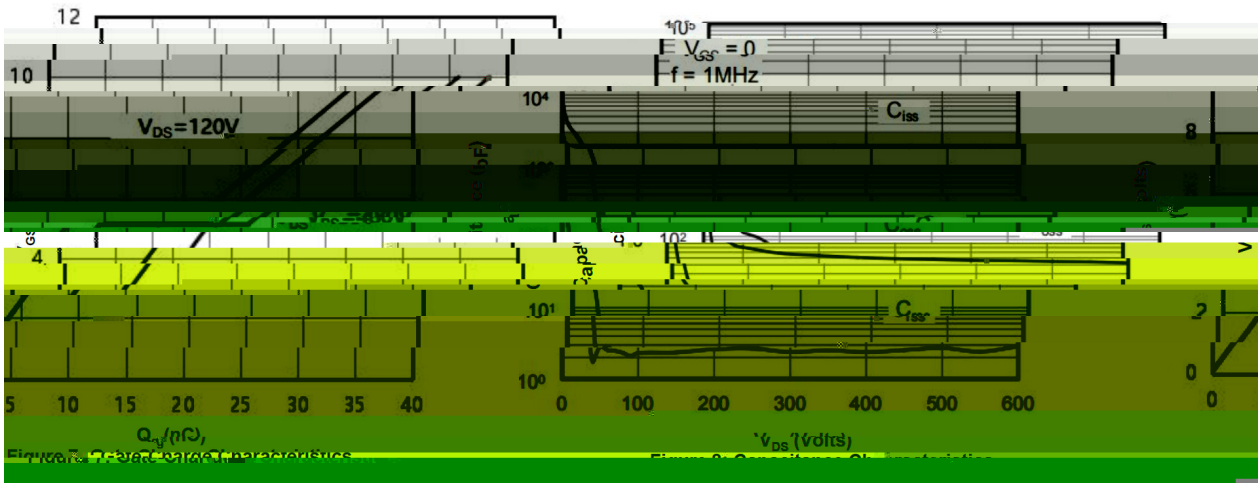
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Continuous Diode Forward Current	I_S			20		A
Total Gate Charge	Q_g	$V_{DS}=480V$ $I_D=10A$ $V_{GS}=10V$		38.2		nC
Gate-Source Charge	Q_{gs}			10		nC
Gate-Drain Charge	Q_{gd}			13		nC
Reverse recovery time	t_{rr}	$V_R=400V$, $I_F=10A$, $dI_F/dt=100A/s$		340		ns
Reverse recovery charge	Q_{rr}			6.7		uC

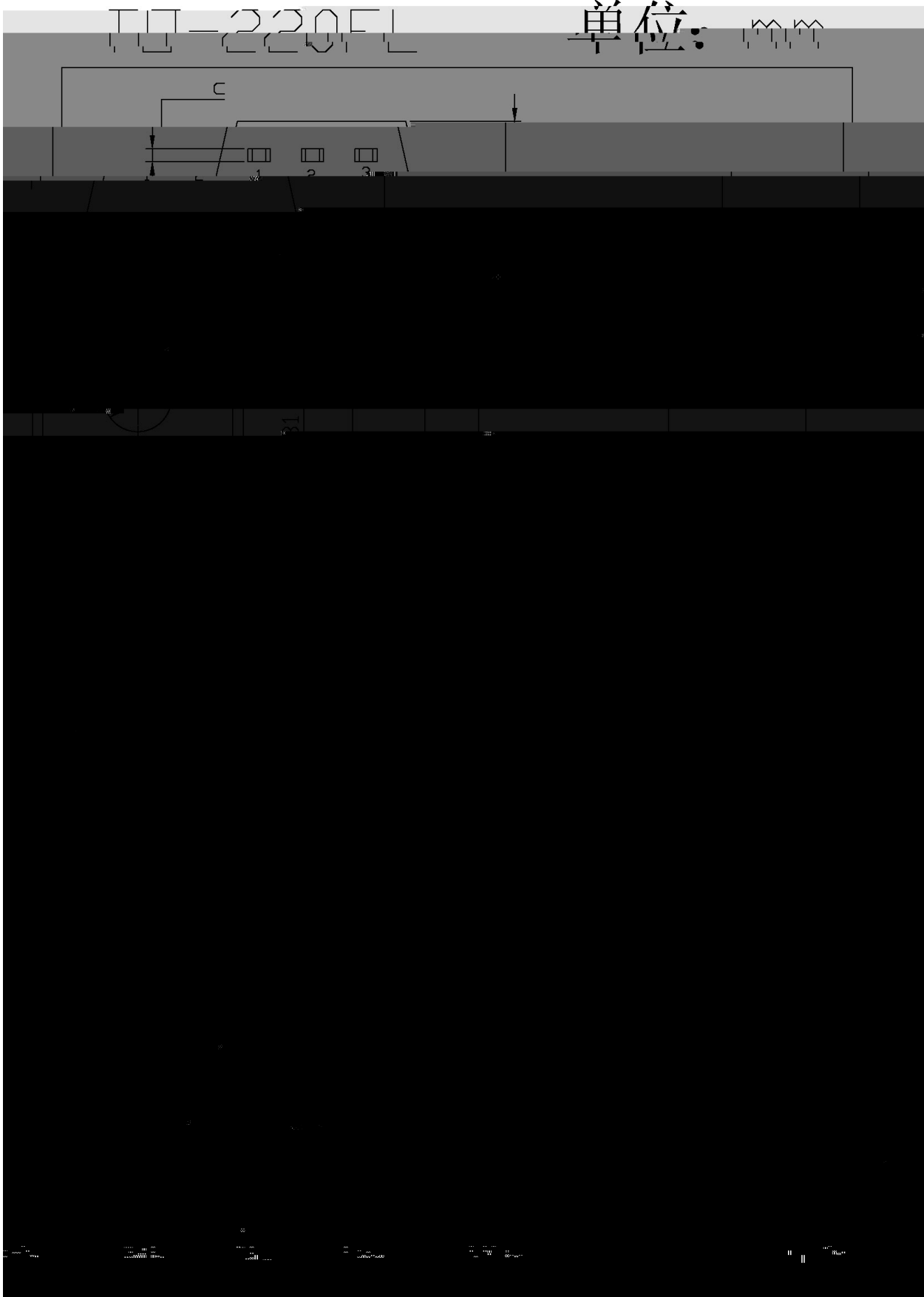
/ Electrical Characteristic Curve



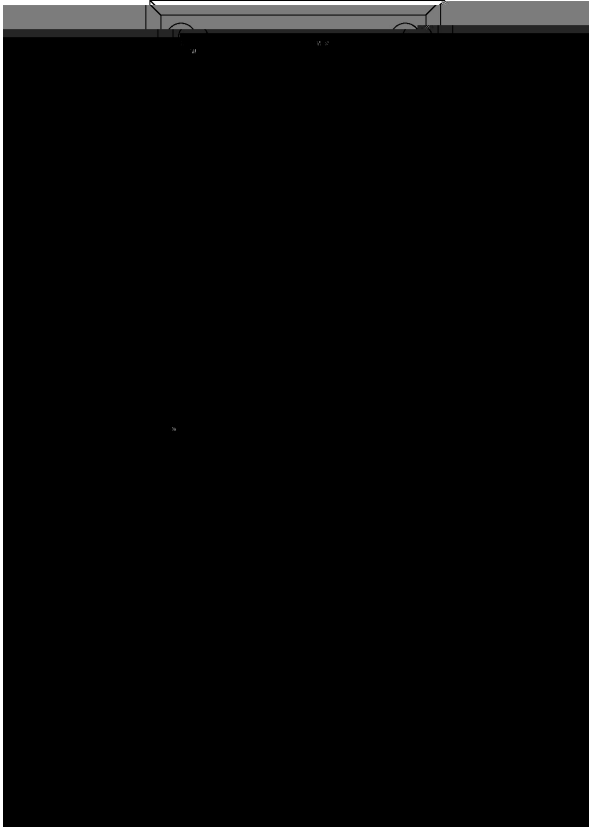
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR
65R190C

Note:
BR: Company Code
65R190C: Product Type Code
***: Lot No. Code, code change with Lot No



() / 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	1 sec.	Temp.:270±5	Time:10±1 sec
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/ TUBE