**BRFL65R380C**

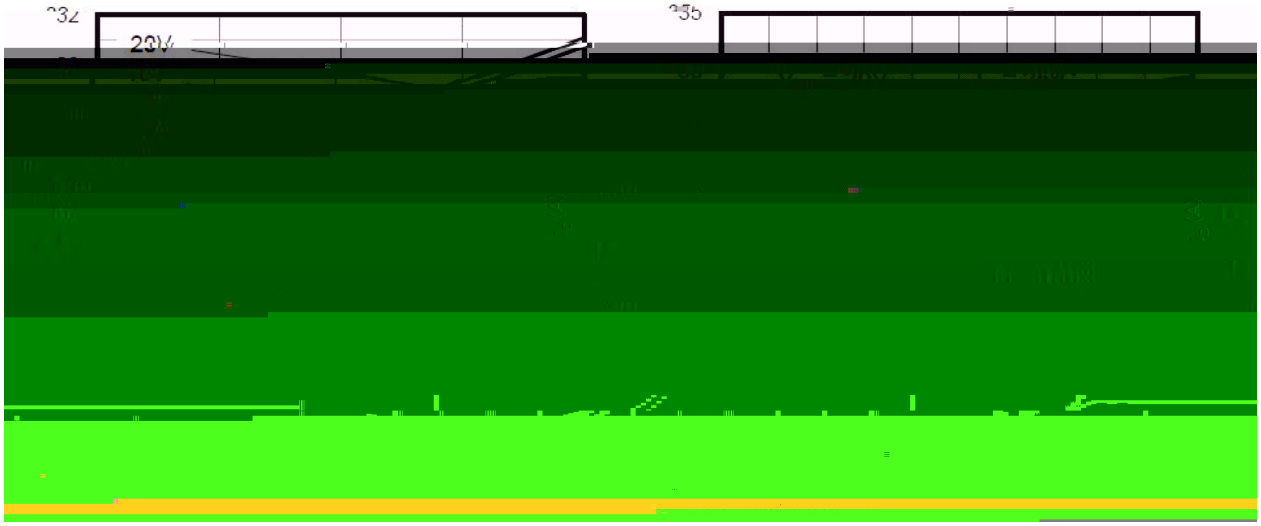
| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Drain-Source Voltage | $V_{DSS}$ | 650 | V |
| Drain Current | $I_D$(Tc=25℃) | 11 | A |
| Drain Current- Pulsed | $I_{DM}$ | 44 | A |
| Gate-Source Voltage | $V_{GS}$ | ±30 | V |
| Single Pulsed Avalanche Energy | $E_{AS}$ | 277 | mJ |
| Avalanche 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 | ℃ |

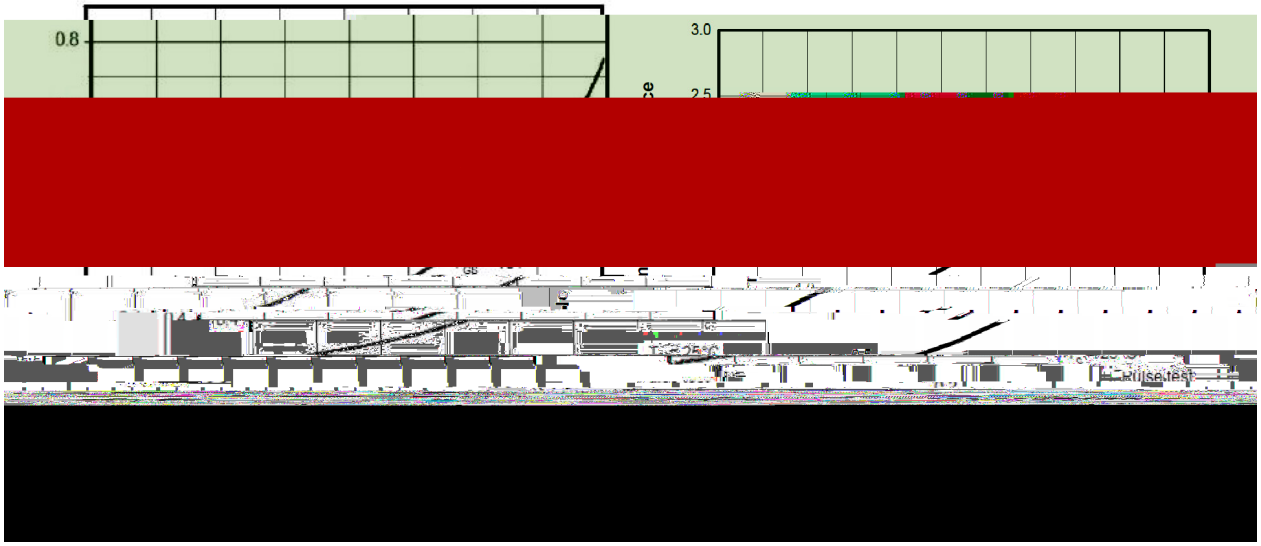
2022-04-14 T-Pad-Cap943.5(V)R25 -.04 3TD.0004 585.6803 Tm-(.0025(54(A )]TJ.6425 -.04 TD0 Tc0 T7Tc2dj7.0172 0 0 7.0.0

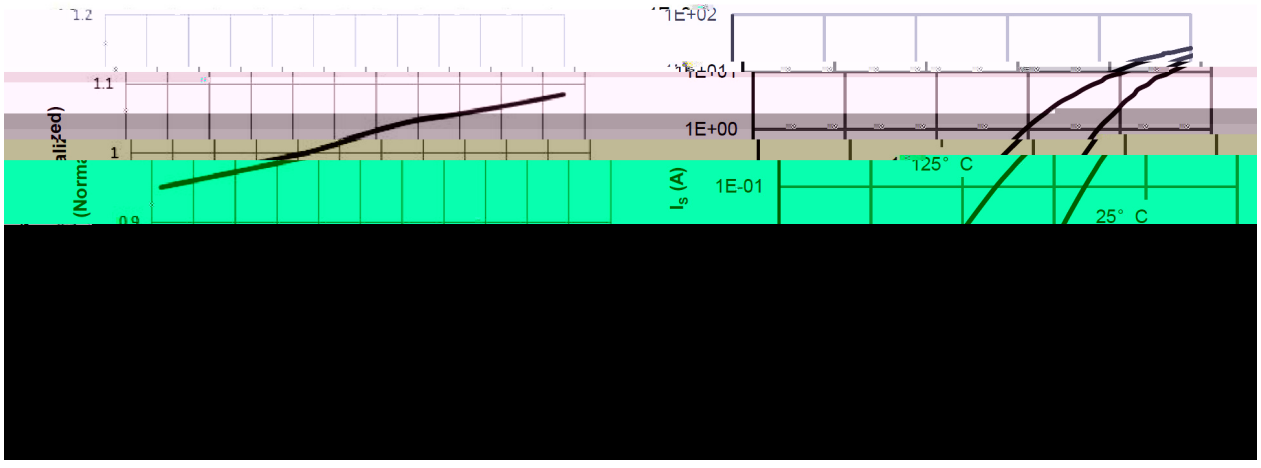
## 2. Electrical Characteristics(Ta=25℃)

| 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



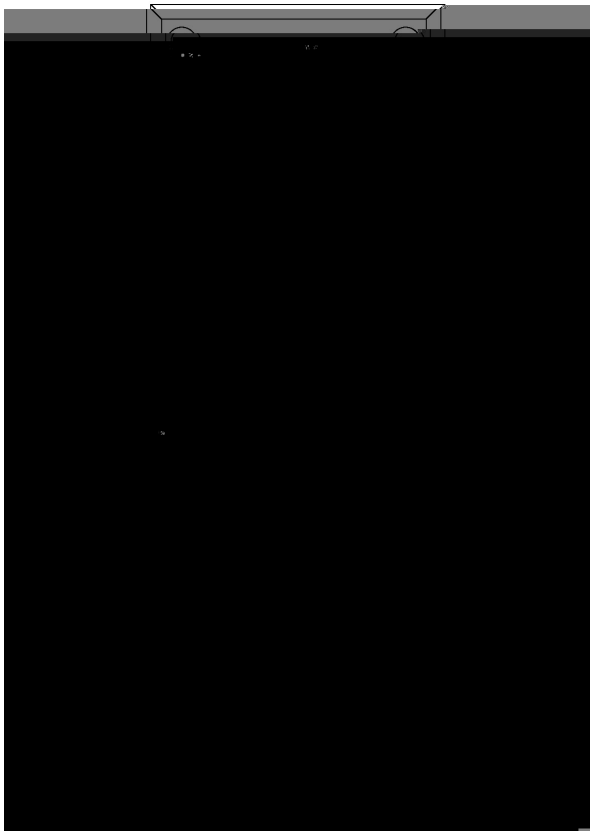



## 外形尺寸 / Package Dimensions



## , 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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