

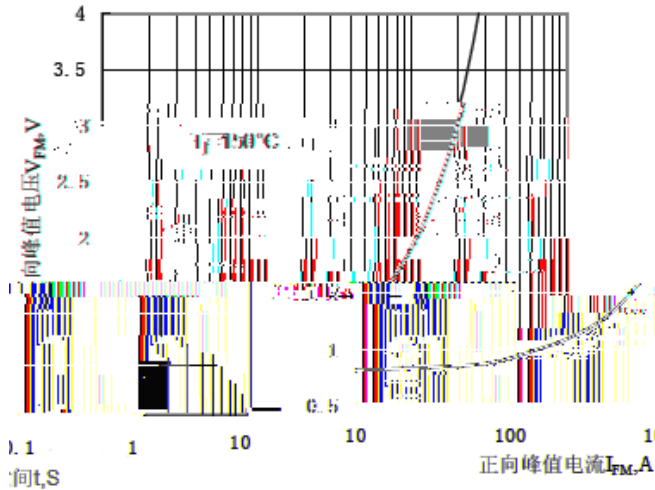
特点

| | |
|-------------|------------------|
| $I_{F(AV)}$ | 600A |
| V_{RRM} | 500-2500V |
| I_{FSM} | 15 KA |
| I^2t | 1150 $10^3 a^2s$ |

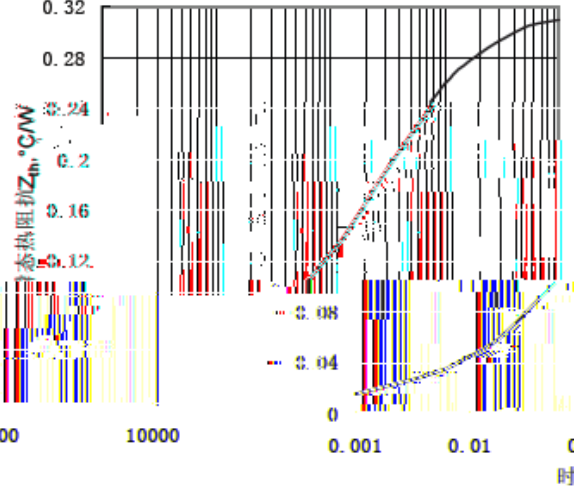
典型应用

| | | | T_J () | | | | |
|---------------|----------|---|-----------|------|------|-------|------|
| | | | | 最小 | 典型 | 最大 | |
| $I_{F(AV)}$ | | 180 50HZ $T_C=100$ | 150 | | | 600 | A |
| $I_{F(RMS)}$ | | | 150 | | | 924 | A |
| V_{RRM} | | $V_{RRM} tp=10ms$ $V_{RSM}=V_{RRM}+200V$ | 150 | 500 | | 2500 | V |
| I_{RRM} | | $V_{RM}=V_{RRM}$ | 150 | | | 40 | mA |
| I_{FSM} | | 10ms $V_R=0.6V_{RRM}$ | 150 | | | 15.0 | KA |
| I^2t | | | | | | | 1150 |
| V_{FO} | | | 150 | | | 0.75 | V |
| r_F | | | | | | 0.32 | m |
| V_{FM} | | $I_{FM}=1800A$ | 25 | | | 1.35 | V |
| $R_{th(j-c)}$ | 壳) | 180 | | | | 1.70 | /W |
| $R_{th(c-h)}$ | 壳) | 180 | | | | 0.011 | /W |
| V_{iso} | 绝缘 | 50Hz,R.M.S,t=1min, $I_{iso}:1mA(max)$ | | 2500 | | | V |
| F_M | 安装扭矩 M5) | | | | 12 | | N-m |
| | 安装扭矩 M6) | | | | 6 | | N-m |
| T_{stq} | 储存 度 | | | -40 | | 125 | |
| W_t | 质量 | | | | 1820 | | g |
| Outline | 外形 | | | | | | |

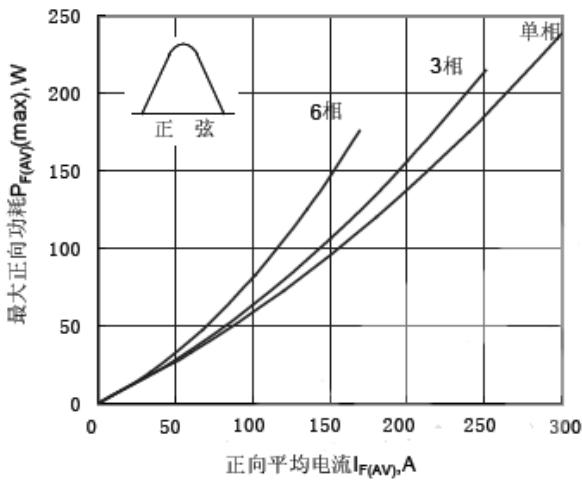
Peak forward Voltage Vs. Peak forward Current



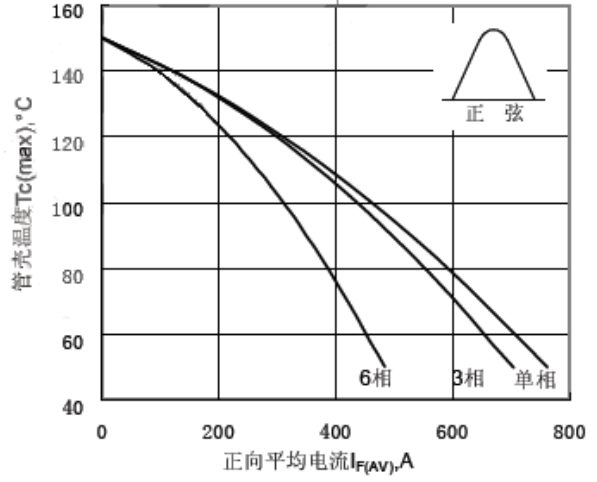
Max. junction To case Thermal Impedance Vs. Time



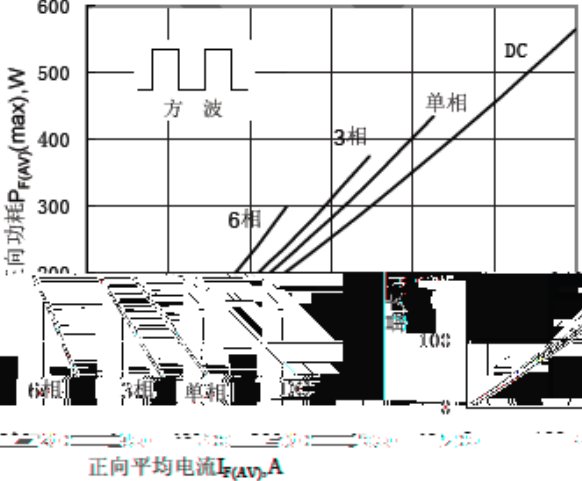
Max. Power Dissipation Vs. Mean forward Current



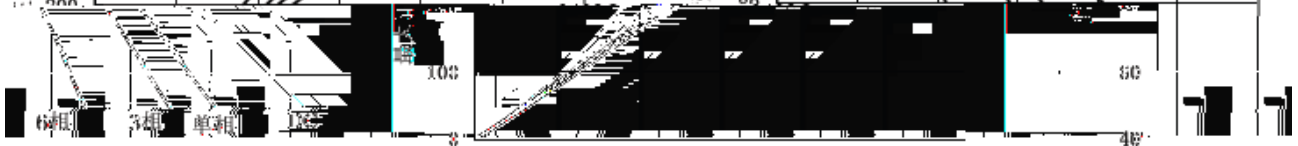
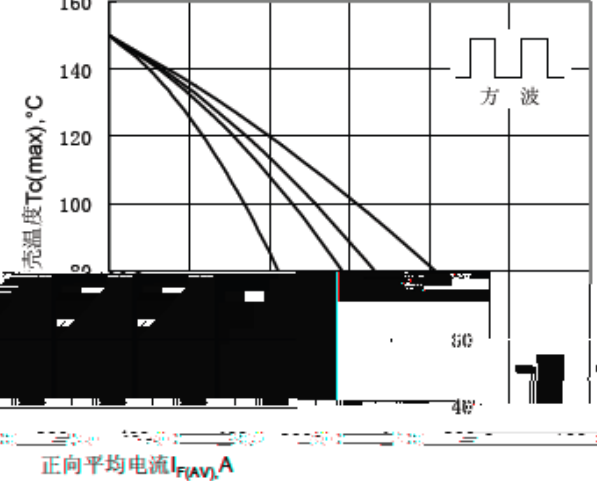
Max. Power Dissipation Vs. Mean forward Current



Max. case Temperature Vs. Mean forward Current



Max. case Temperature Vs. Mean forward Current



正向平均电流 $I_{F(AV)}$, A

正向平均电流 $I_{F(AV)}$, A

壳温度

路图：

