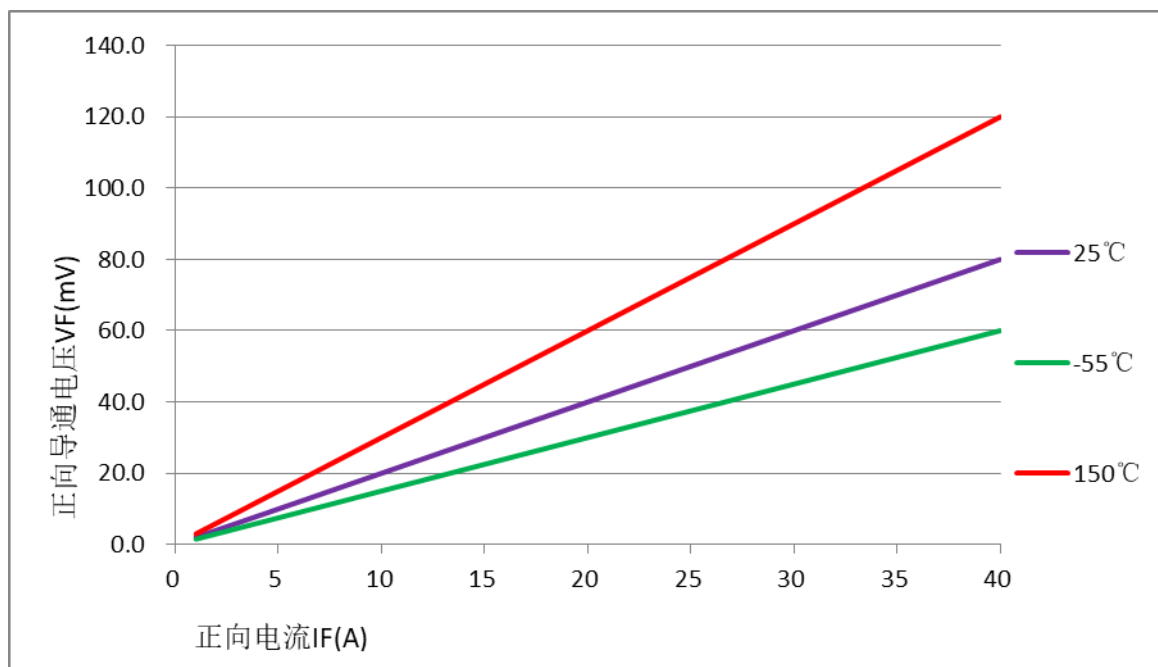


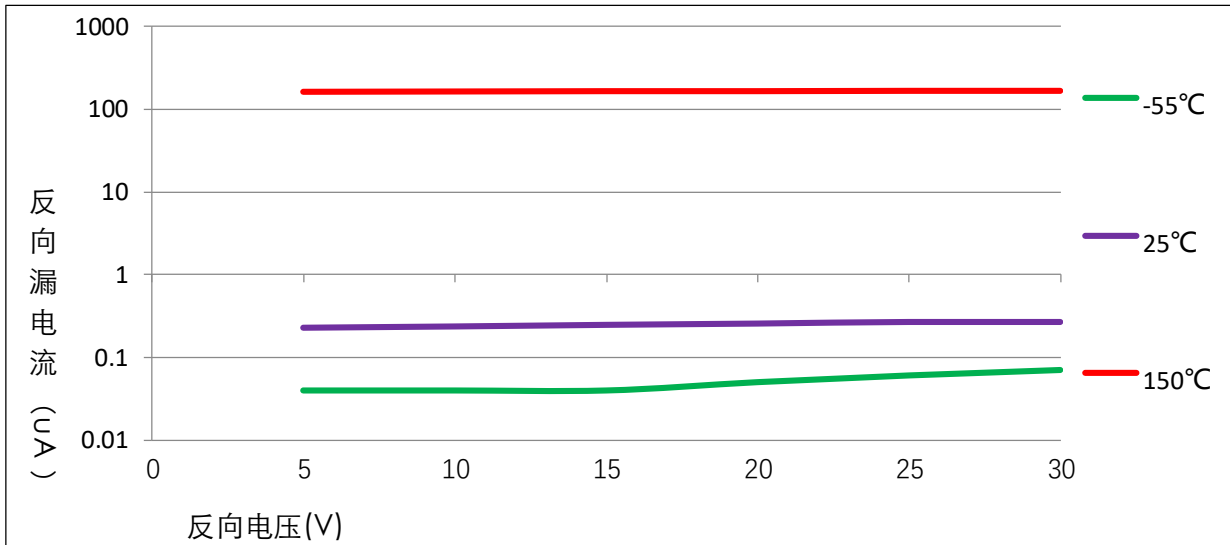
M i m m s o r i n d c r i c c

U t h r d T =25°C

| P r m r s | S m o | r m t r | | U t |
|--|---------------------------------------|---------|-------|---------|
| | | M m | m M m | |
| M m m r r t | V_R | | | V |
| M U l i n m Z o f w U f d c i f f Y n h | $I_{F(AV)}$ | | 0 | A |
| S i f [Y Z o f w U f d c i f f Y n h f l 50 H z | U_{FSM} - s i n i s o i d / 8 3 n s | | | A |
| ESD (HBM) | | 30 | | KV |
| Max average forward on-voltage IF=30A Tj=25°C | | | 110 | mV |
| Max average forward on-voltage (IF=40A) Tj=25°C | | | 135 | mV |
| Max average forward on-voltage (IF=30A) Tj=125°C | | | 140 | mV |
| Max average forward on-voltage (IF=40A) Tj=125°C | | | 160 | mV |
| Maximum reverse leakage current (VR=30V) | I_R | | | μA |
| Thermal resistance | R_{RthJC} | | 2 | °C/W |
| Operating junction temperature range | T_J | | | °C |
| Storage temperature | T_{STG} | 55 | 150 | °C |

P r m r c r


XND19-V30P正向导通平均电压曲线



XND19-V30P反向漏电流曲线

注意事项:

- 1、XND19-V30P最高反向耐压为30V，在该电路装配及使用过程中严禁超过30V反向电压施加到电路上，超出30V的反向电压对XND38-V30P有损伤。
- 2、XND19-V30P装配及使用过程中避免外部应力对电路造成机械损伤。
- 3、XND19-V30P应用过程中不能超过最大结温150℃。