Schottky Barrier Diode in a TO-220 Plastic Package.

Low forward voltage drop, Low power loss, high efficiency.

For use in high frequency inverters, switching power supplies, freewheeling diodes,dc-to-dc converters and reverse battery protection.

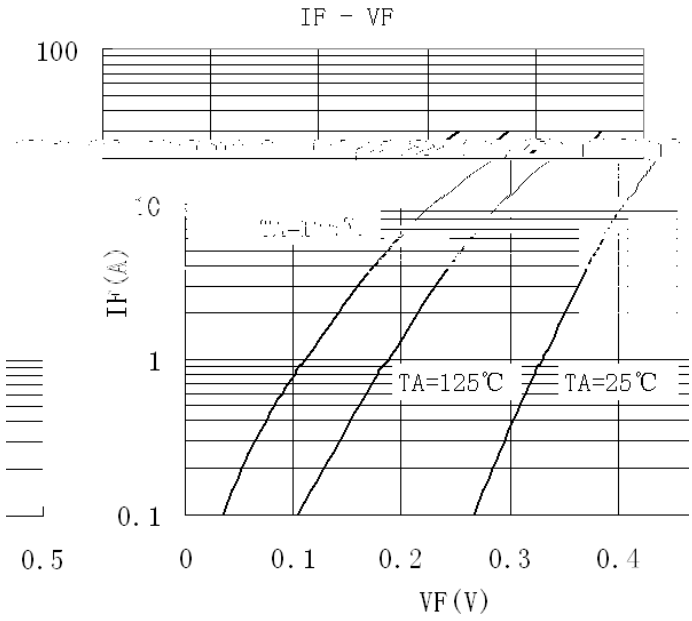


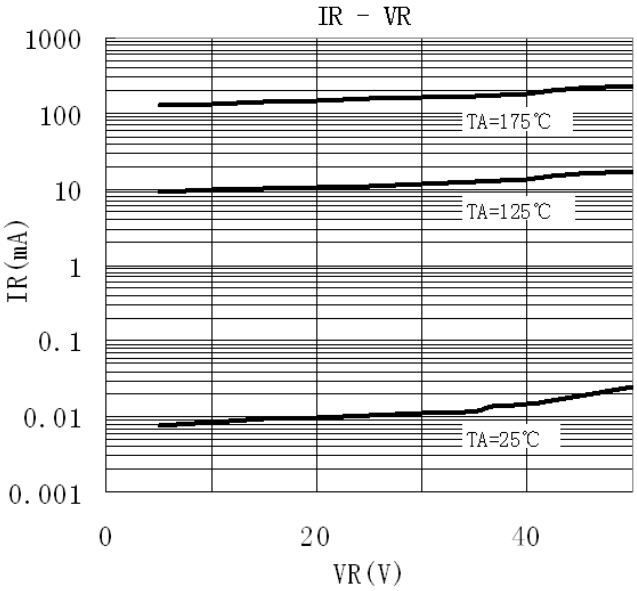



PIN1 Anode PIN 2 4 Cathode PIN 3 Anode

See Marking Instructions.

| Parameter | Symbol | Rating | Unit |
|---|---|---|---|
| Maximum repetitive peak reverse voltage | $V_{RRM}$ | 50 | V |
| Maximum RMS Voltage | $V_{RMS}$ | 31.5 | V |
| Maximum Average forward current | $I_{F(AV)}$ | 30 | A |
| Non-Repetitive Peak Surge Current | $I_{FSM}$ | 300 | A |
| Thermal Resistance Junction to Case | $R_{\theta Jc}$ | 2 | /W |
| Junction Temperature Range | $T_j$ | 150 | |
| Storage Temperature Range | T | | |


IF - VF
100
1
0.1
IF(A)
TA=125℃
TA=25℃
0.5
0
0.1
0.2
0.3
0.4
VF(V)


IR - VR
1000
100
10
1
0.1
0.01
0.001
IR(mA)
TA=175℃
TA=125℃
TA=25℃
0
20
40
VR(V)

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