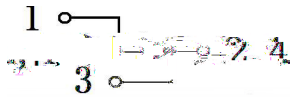
Schottky Barrier Diode in a TO-220 Plastic Package.

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.

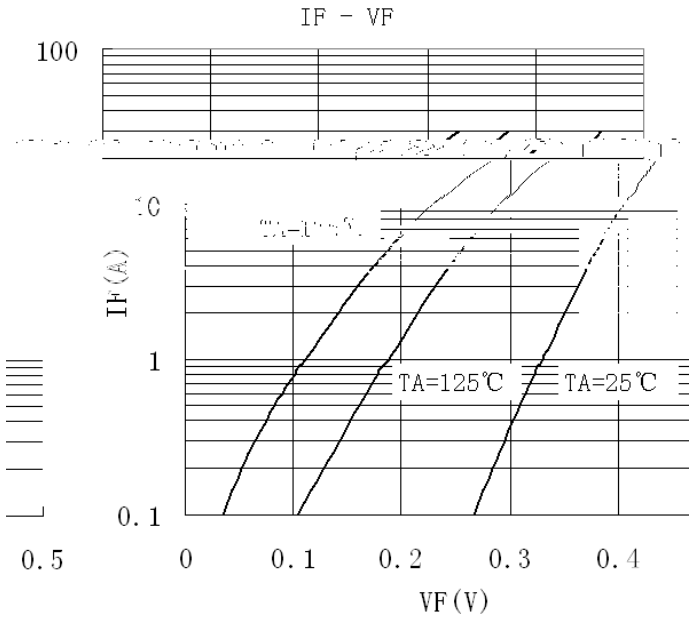


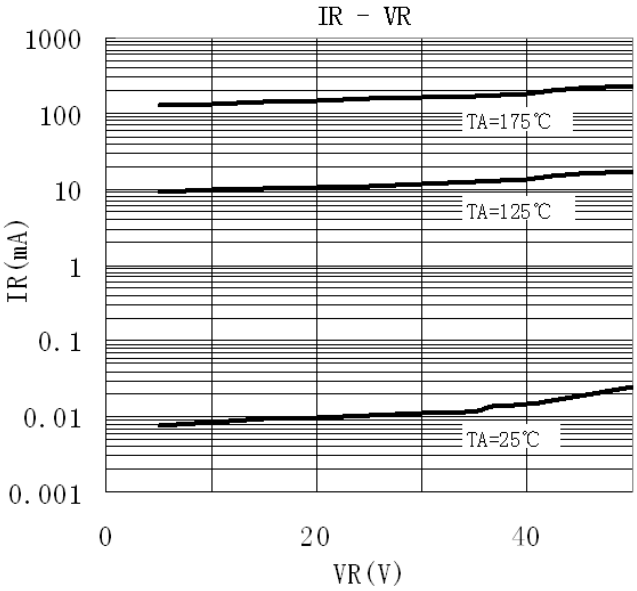


PIN1 Anode PIN 2 4 Cathode PIN 3 Anode

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)

Rev. A Mar.-2019