62')/ 6FKRWWN\ %DUULHU 5HFWLILHU

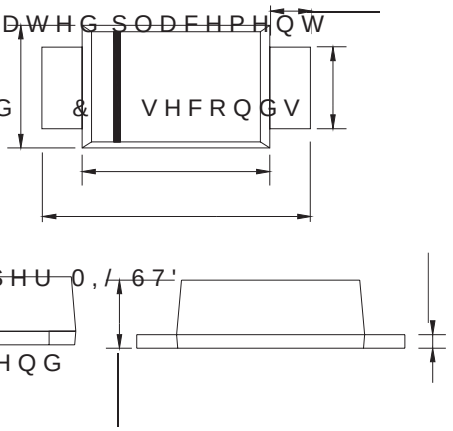
)($785(6

- ")RU VXUIDFH PRXQWHG DSSOLFDWLRQV
- "8OWUD IDVW VZLWFKLQJ IRU KLJK HIILFLHQF\
- "/RZ UHYHUVH OHDNDJH
- "%XLOW LQ VWUDLQ UHOLHI LGHDO IRU DXWRPDWHG SODFHPHQW
- "+LJK IRUZDUG VXUJH FXUUHQW FDSDELOLW\
- "+LJK WHPSHUDWXUH VROGHULQJ JXDUDQWHHG & VHFRQGV DW WHUPLQDOV

0(&+$1,&$/ '7

- "&DVH\SODVWLF PROGHG
- "/HDG 3ODWHG D[LDO OHDGV VROGHUDEOH SHU 0,/67' PHWKRG
- "3RODULW\ &RORU EDQG GHQRWHV FDWKRGH HQG
- "0RXQWLQJ 3RVLWLRQ $Q\

Unit: mm



0$;,080 5$7,1*6 $1' &+$5$&7(5,67,&6

f&$PELHQW7HPSHUDWXUH XQOHVV RWKHUZLVH VSHFLILHG

3DUDPHWHU	6\PERO	86 $:	86 %:	86 ':	86 *:	86 -*	86 .:	86 0:	8QLWV
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	50							V
Maximum RMS voltage	V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current at Ta =C65 °	$I_{F(AV)}$	1							A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	25							A
Maximum Instantaneous Forward Voltage at 1A	V_F	1.0			1.4	1.7			V
Maximum DC Reverse Current Rated DC Blocking Voltage	I_R Ta = 25¥ Ta=125¥	5 100							¼A
Maximum Reverse Recovery Time 1ÿ	t_{rr}	50				75			ns
Typical Thermal Resistance	$5_{-\$}$	180							¥ W
Operating and Storage Temperature Range	T_j, T_{stg}	-55 ~ +150							°C

1ÿ Measured with IF = 0.5 A, IR = 1 A, Irr = 0.25 A

5$7,1*6 $1' &+$5$&7(5,67,& &859(6

Fig.1 Forward Current Derating Curve

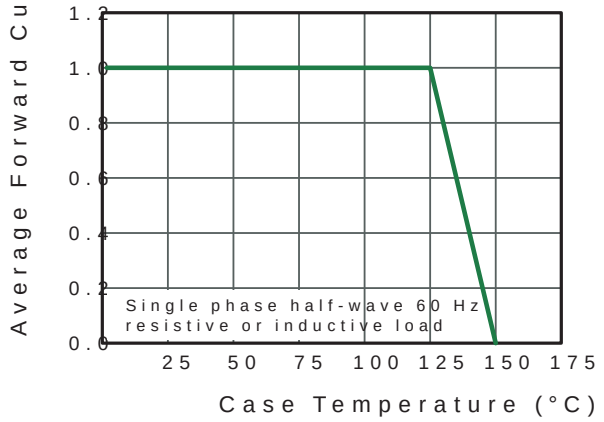


Fig.2 Typical Reverse Characteris