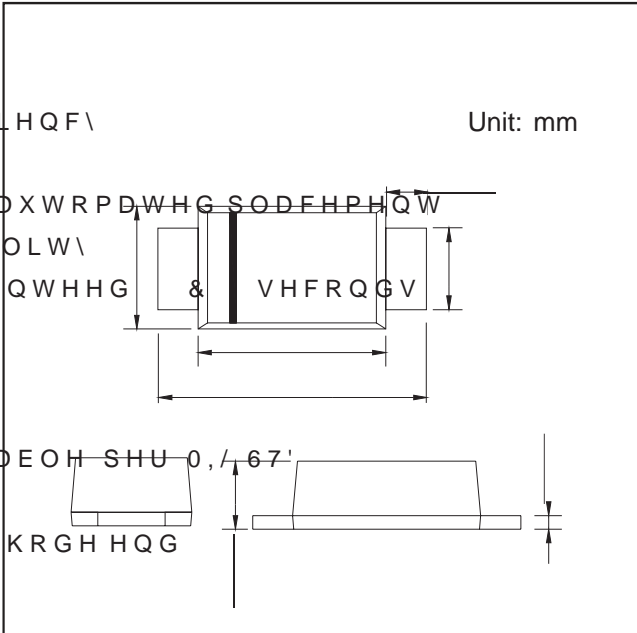


62' )/ 6FKRWWN\ %DUULHU 5HFWLILHU

)( \$785(6  
 ")RU VXUIDFH PRXQWHG DSSOLFDWLRQV  
 "8OWUD IDVW VZLWFKLQJ IRU KLJK HILFLHQF\  
 "/RZ UHYHUVH OHDNDJH  
 "%XLOW LQ VWUDLQ UHOLHI LGHDO IRU DXWRPDWHG SODFHPHQW  
 "+LJK IRUZDUG VXUJH FXUUHQW FDSDELOLW\  
 "+LJK WHPSHUDWXUH VROGHULQJ JXDUDQWHHG  
 DW WHUPLQDOV  
 0(&+\$1,&\$/'\$7\$  
 "&DVHW\ SODPHWGHG  
 "/HDG 3ODWHG D[LDO OHDGV VROGHUDEOH SHU 0, / 67'  
 PHWKRQ  
 "3RODULW\ &RORU EDQG GHQRWHV FDWKRGH HQG  
 "ORXQWLQJ 3RVLWLRQ \$Q\



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

# f \$PELHW SHUDXORHW KHUZRWHG

3DUDPHWHU	6\PER	0V \$:	86 %:	86 ':	86 *:	86 -*:	86 .:	86 0:	8QLWV
Maximum Repetitive Peak Reverse Voltage	$V_{RRM}$	35	70	140	280	420	560	700	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 $T_a = 65^\circ$	$I_{F(AV)}$	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.0	$V_{FM}$				1.4	1.7		V	
Maximum DC Reverse Current Rated DC Blocking Voltage = 125V	$I_R$	$T_a = 25^\circ$		5		100		$\frac{1}{4}$ A	
Maximum Reverse Recovery Time	$t_{rr}$	50			75		ns		
Typical Thermal Resistance	$\theta_{JC}$	180							$^\circ$ W
Operating and Storage Temperature Range	$T_{JST}$	-55 ~ +150							$^\circ$ C

1 $\mu$  Measured with  $I_F = 0.5$  A,  $I_R = 1$  A,  $I_{rr} = 0.25$  A

(A)

Fig.1 Forward Current Derating Curve

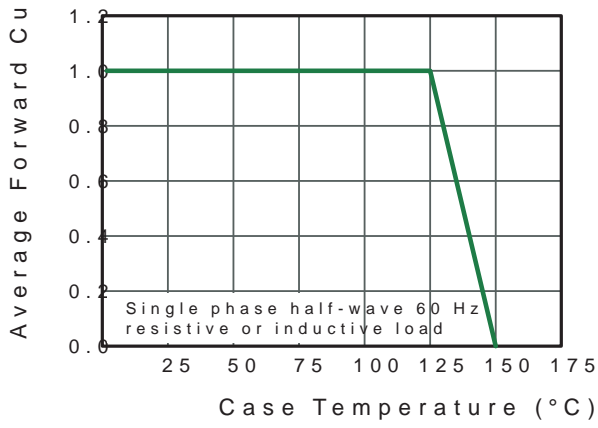


Fig.2 Typical Reverse Characteris

