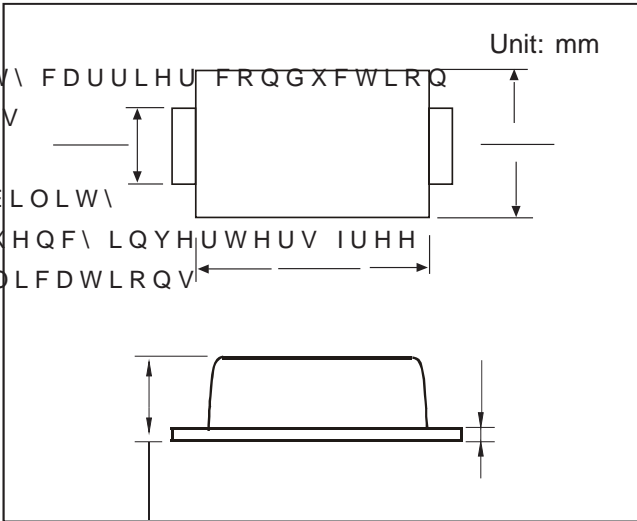


60\$) 3/\$676,&, &25(&7,),(56

)(785(6
 "0HWDO VLOLFRRQ MXQFWLRQ PDMRULW\FDUULHUFRQGXFWRQ
 ")RU VXUIDFH PRXQWHG DSSOLFDWLRQV
 "/RZ SRZHU ORVV KLJK HIILFLHQF\
 "+LJK IRUZDUG VXUJH FXUUHQW FDSDELOLW\
 ")RU XVH LQ ORZ YROWDJH KLJK IUHTXHQF\
 ZKHHODQSDRODULW\ SURWHFWLRQ DSSOLFDWLRQV
 0(&+\$1,&\$/'\$7\$
 "&DVH 60\$) PROGRHGGODVWLF
 "7HUPLQDOWR/ODHUDEOD7SHU PHWKRQ
 "3RODULVED&RODULWKR/GRGH HQG

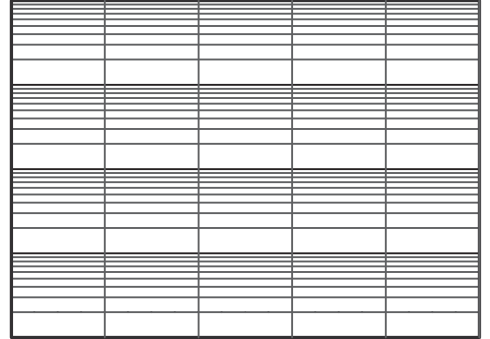


0\$;,080 5\$7,1*6 \$1' &+\$5\$&7(5,67,&6

f&\$PELHG7SHUDXQORHWKHUQLWHG

Parameter	Single Half Sine-wave Superimposed on Rated Load (JEDEC method)			
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	45	120
Maximum Instantaneous Forward Voltage at 3 A				
Maximum RMS voltage	V_{RMS}	14 28	70 84	
Maximum DC Reverse Current				
Maximum DC Blocking Voltage	V_{DC}		45	
Maximum Average Forward Rectified Current	$I_{F(AV)}$	3.0	150 200	A
	I_{FSM}	80	105 140	A
			120 150 200	
Operating Junction Temperature Range	V_F		0.95	V
$a = 25^\circ\text{C}$ $T_a = 10^\circ\text{C}$	I_R	0.5	0.3	mA
			0	
	T_J		-55 ~ +125	$^\circ\text{C}$
Storage Temperature Range	T_{stg}			

5 \$ 7 , 1 * 6 \$ 1 ' & + \$ 5 \$ & 7 (5 , 6 7 , & & 8 5 9 (6



Instantaneous Forward Current

Fig.3 Typical Forward Characteristic

