

- 6 . ' - 6 0 ' - 6 1 ' ' H V F U L S W L R Q

- 1) A package of series of two diodes.
- 2) Heat transfer through alumina ceramic and metal substrate.
- 3) Welding by vacuum welding technology, which provide high reliability.



7 \ S L F D O \$ S S O L F D W L R Q

AC converter, inverter and DC motor.

\$ E V R O X W H 0 D [L P X P 5 D W L Q W (Package Voltage, unless otherwise specified, T_{CASE}=25)

3 D U D P H W H U	7 H V W	& R Q G L W L R Q V	9 D O X H V	6 \ P E R O	8 Q L W		
M	V _{RRM}	1200	1600	1800	2000	V	
Non-repetitive peak reverse voltage	T _j =25	V _{RSM}	1300	1700	1900	2100	V
Average on-state current	T _C =100	I _{F(AV)}	70			A	
Peak on-state surge current	T _j =25 , t _p =10ms,	I _{FSM}	1960			A	
I ² t value for fusing	sin 180°	I ² t	19200			A ² s	
Insulation voltage	A.C 50Hz(1s/1min)	V _{ISO}	3600/3000			V	

(O H F W U L F D O & K P 5 D W L Q W (Package Voltage, unless otherwise specified, T_{CASE}=25)

3 D U D P H W H U	7 H V W	& R Q G L W L R Q V	6 \ P E R O	8 Q L W	9 D	
Peak on-sta	M	A				
Threshold voltage	T _j =150	V _{TO}	0.85			V
Dynamic resistance	T _j =150	R _d	1.8			m
Repetitive peak reverse current	V _R =V _{RRM}					
	T _j =25	I _{RRM1}	100			μA
	T _j =150	I _{RRM2}	30			mA
Thermal resistance	Junction to case	R _{th(j-c)}	0.37			/W
	Case to heatsink	R _{th(c-s)}	0.12			

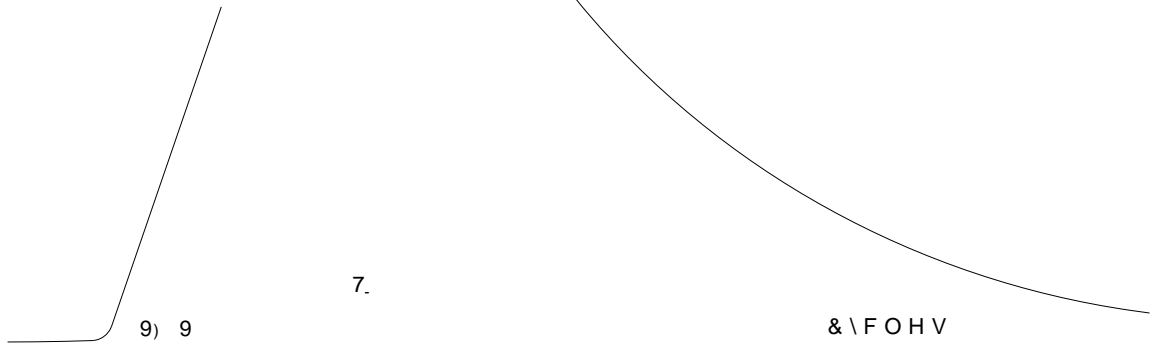
2UGHULQJ ,QIRUPDWLRQ

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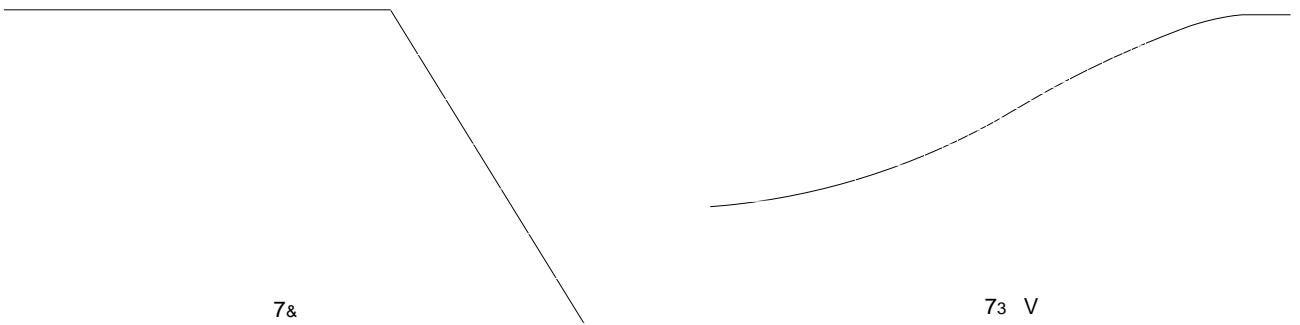
-LH-LH 6HPLFRQG	XFWRU &R /WG	960• 9
. 'LRGH 0RGXOH		960• 9
0' &RPPRQ &DWKRGH 'LRGH 0RGXOH		960• 9
1' &RPPRQ \$QRGH 'LRGH 0RGXOH \$		960• 9

3HUIRUPDQFH &XUYHV

), *)RUZDUG FKDUDFWHULVWLFV ,HU 3GIDRGRQ VWDWH VXUJH F
), \$,60 \$



), *)RUZDUG FXUUHQW YV FDUH*WOPSLPXPDPXWDPHQVLHQW WKHUPD
), \$9 \$ 5_{WK MF} : -XQFWLRQ WR FDUH






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