

Maximum RMS Voltage	V _{RMS}	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	V _{DC}	V	50	100	200	400	600	800	1000

Average Forward Current
@60Hz sine wave, Resistance load, T_a=65

Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, T _j =25	I _{FSM}	A							200
Current squared time @1ms t8.3 ms T _j =25 Rating of per diode	I ² t	A ² s							400
Typical junction capacitance @Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	C _j	pF				70			56
Storage Temperature	T _{stg}								-55 ~ +150
Junction Temperature	T _j								-55 ~ +150

T_a=25 Unless otherwise specified

									100
Maximum reverse recovery time	t _{rr}	ns	I _F =0.5A, I _R =1.0A, I _{rr} =0.25A			150		250	500

v7KHUPDO & KDUDFWHULVLRQV RWKHUÄLVH VSHFLILHG

3\$5\$0(7(5	6<0%2	81,7)5 *)5 *)5 *)5 *)5 *)5 *
7\SLFDO 7KHUPDO		5HVLVWDQFH						

v2UGHULQJ , QIRUPDVLHQ

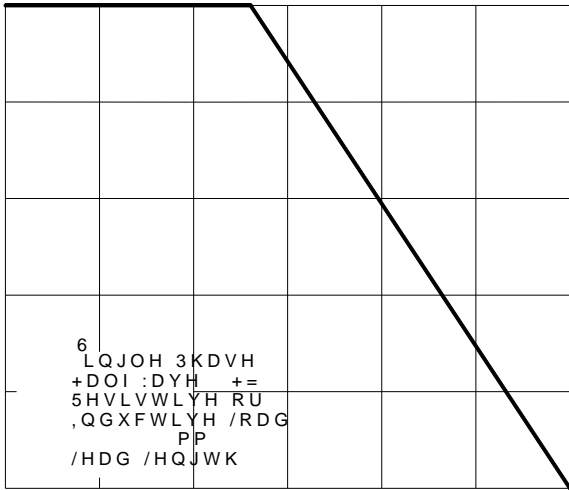
35())5(' 3 1	3\$&.\$*(&2'()	81,7 :(*+7	0,1,080 3\$&.\$*(SFV	,11(5 %2; 48\$17,7< SF	287(5 &\$572 48\$17,7< S	'(/,9(5< 02'()
)5 *a)5 *	'	\$SSUR[LPDWH				
)5\$ *a)5 *	&	\$SSUR[LPDWH				

7DSH
%XO

v6KDUDFWHULVLRQV

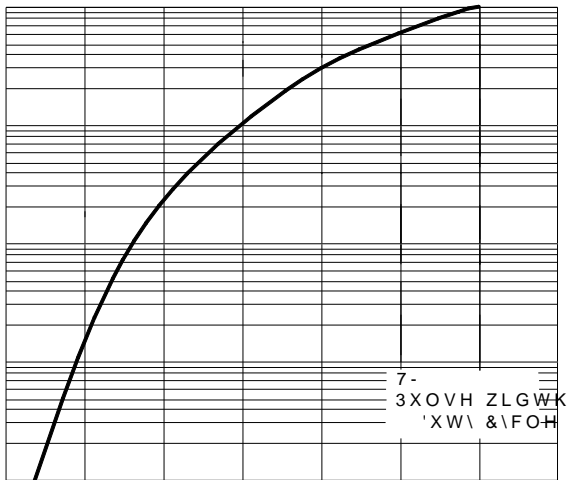
\$YHUDJH)RUZDUG 2XWSXW &XUHQW
 \$YHUDJH)RUZDUG 6XUJH &XUHQW
 \$YHUDJH)RUZDUG 9ROWDJH
 \$YHUDJH)RUZDUG 5HYHUVH &XUHQW

),* ,R 7D &XUYH



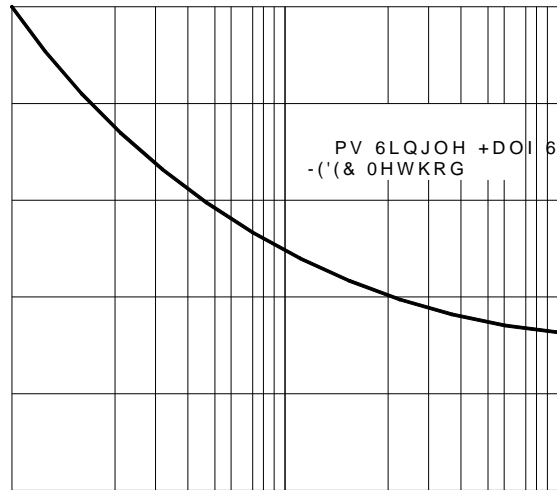
\$PELHQW 7HPSHUDWXUH

),*)RUZDUG 9ROWDJH



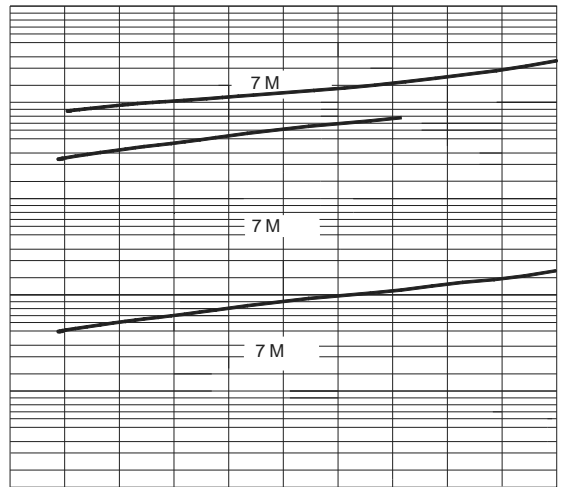
,QVWDQWDQHRXV)RUZDUG 9ROWDJH

),*)RUZDUG 6XUJH &XUHQW &DSDELOL



1XPEHU RI \&IFOHV

),* 7\SLFDO 5HYHUVH &KDUDFWHULVLRQV



3HUFHQW RI 5DWHG 3HDN 5HYHUVH 9ROWDJH





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