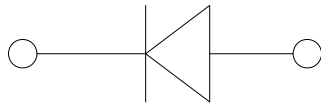
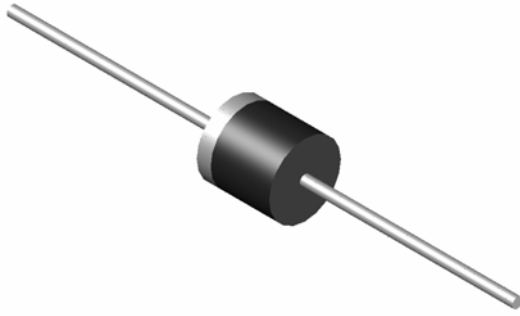


r



High efficiency  
High current capability  
High Reliability  
High surge current capability  
Glass passivated chip junction  
Solder dip 275 °C max. 7 s, per JESD 22-B106

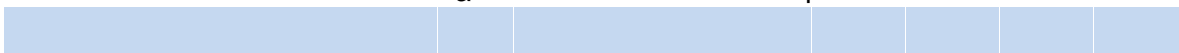
R-6

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant  
: Tin plated leads, solderable per J-STD-002 and JESD22-B102  
Color band denotes cathode end

(Ta=25 Unless otherwise specified)

Device marking code	P	HER605	HER606	HER607	HER608					
Maximum Repetitive Peak Reverse Voltage	VRRM	V	50	100	200	300	400	600	800	1000
Maximum RMS Voltage	VRMS	V	35	70	140	210	280	420	560	700
Maximum DC blocking Voltage	VDC	V	50	100	200	300	400	600	800	1000
Average Forward Current @60Hz sine wave, Resistance load, Ta=65	IF(AV)	A	6.0							
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, Tj=25	IFSM	A	200							
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			400							
Current squared time @1ms t8.3 ms Tj=25 Rating of per diode	I <sup>2</sup> t	A <sup>2</sup> s	166							
Typical junction capacitance @Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	Cj	pF	150			83		81		
Storage Temperature	Tstg		-55 ~ +150							
Junction Temperature	Tj		-55 ~ +150							

Ta=25 Unless otherwise specified



+ (5 \* 7 + 58 + (5 \*

v7KHUPDO & KDUDFWHULSLWDFV RWKHUÁL VH VSHFLILHG

3\$5\$0(7(5	6<0%2/	81,7	+(5 *	+(5 *	+(5 *	+(5 *	+(5 *	+(5 *	+(5 *	+(5 *
7\SLFDO 7KHUPDO	5HVLVWDFV	QDFH								

v2UGHULQJ , QIRUPPSQLHRQ

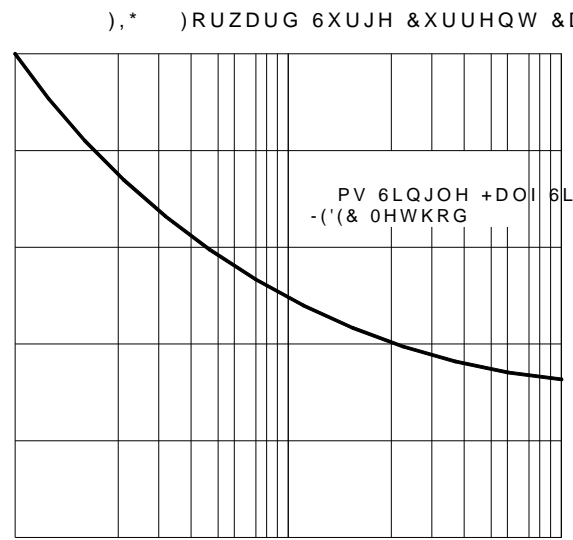
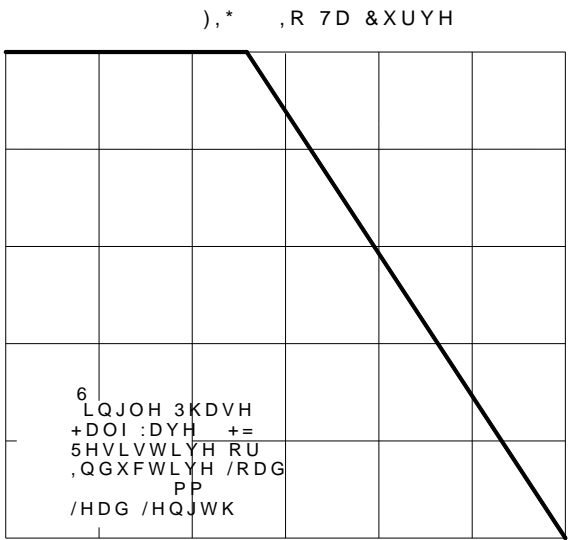
35()(5(' 3 1	3\$&.\$*( &2'()	81,7 : (,*+7	0,1,080 3\$&.\$*( SF	,11(5 %2; 48\$17,7< S	287(5 &\$572 48\$17,7< S	'(/,9(5< 02'()
+(5 *a+(5 *	'	\$SSUR[LPDWH				
+(5 *a+(5 *	&	\$SSUR[LPDWH				

7DSH  
%XO

v & KDUDFWHULSLWDFV

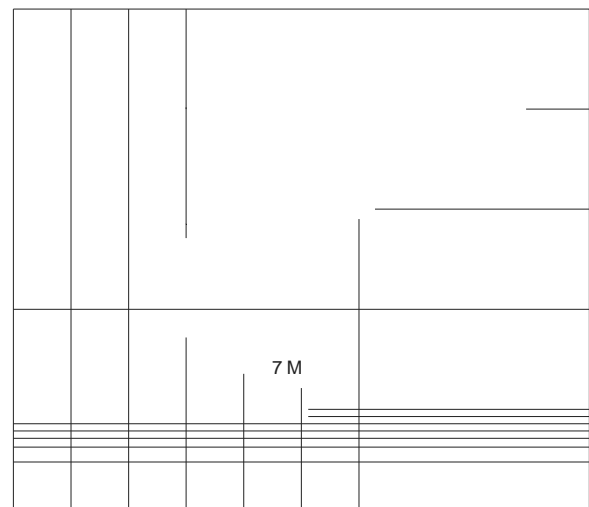
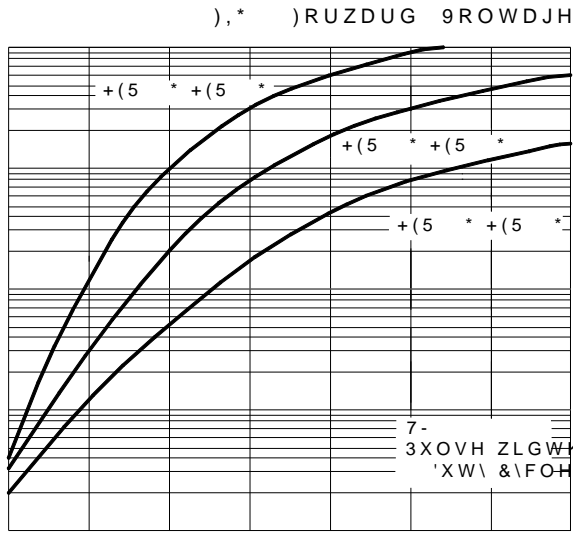
\$YHUUDJH )RUZDUG 2XWSXW &XUUHQW  
 \$YHUUDJH )RUZDUG 6XUJH &XUUHQW  
 \$YHUUDJH )RUZDUG 9ROWDJH  
 ,QVWDQWDQHRXV )RUZDUG 7PHSHUDWXUH  
 ,QVWDQWDQHRXV )RUZDUG 7PHSHUDWXUH

\$YHUUDJH )RUZDUG 6XUJH &XUUHQW



\$PELHQW 7PHSHUDWXUH

1XPEHU RI &\FOH



,QVWDQWDQHRXV )RUZDUG 7PHSHUDWXUH

XV



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Dim	Min	Max
A	8.60	9.10
B	8.60	9.10
C	25.4	/
D	1.20	1.32



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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with