

HER201(G) – HER208(G)

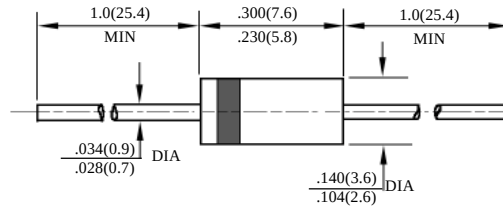
2A 高效玻钝二极管

2A HIGH EFFICIENCY GPP DIODES

型 号 TYPE	最大反向 峰值电压 Maximum Peak Reverse Voltage	最大平均正向电流 Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz	最大正向浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大反向 漏电流 Maximum Reverse Current @ PRV @ T _A =25°C	最大正向电压 Maximum Forward Voltage @ T _A =25°C	最大反向 恢复时间 Maximum Reverse Recovery Time	外型尺寸 Package Dimensions
	PRV	I _O @ T _L	I _{FM} (Surge)	I _R	I _{FM} V _{FM}	T _{rr}	
	V _{PK}	A _{AV} °C	A _{PK}	μA _{dc}	A _{PK} V _{PK}	ns	
HER201(G)	50	2.0	60	5.0	2.0	1.00	DO – 15
HER202(G)	100					1.00	
HER203(G)	200					1.00	
HER204(G)	300					1.30	
HER205(G)	400					1.30	
HER206(G)	600					1.85	
HER207(G)	800					1.85	
HER208(G)	1000					1.85	

T_{rr} 测试条件: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A

T_{rr} Test Conditions: I_F=0.5A, I_R=1.0A, I_{RR}=0.25A



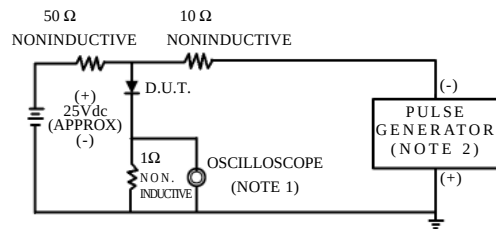
DO – 15

HER201(G) – HER208(G)

2A 高效率玻钝二极管额定值与特性曲线

2A RATING & CHARACTERISTIC CURVES OF HIGH EFFICIENCY GPP DIODES

FIG.1-TEST CIRCUIT DIAGRAM AND
REVERSE RECOVERY TIME CHARACTERISTIC



NOTES:1.Rise Time=7ns max.
Input Impedance=1megohm.22pF.
2.Rise Time=10ns max.
Source Impedance=50 ohms.

FIG. 2 - TYPICAL FORWARD
CURRENT DERATING CURVE

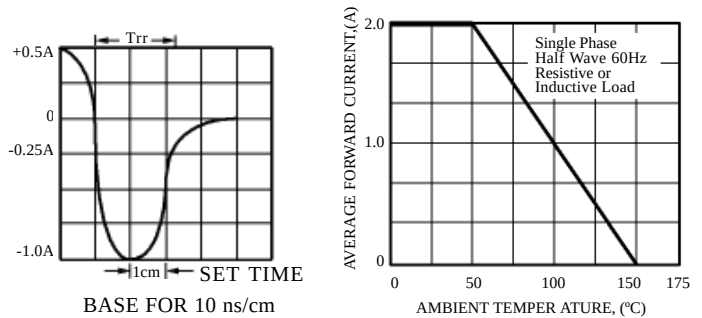


FIG. 3 - TYPICAL REVERSE
CHARACTERISTICS

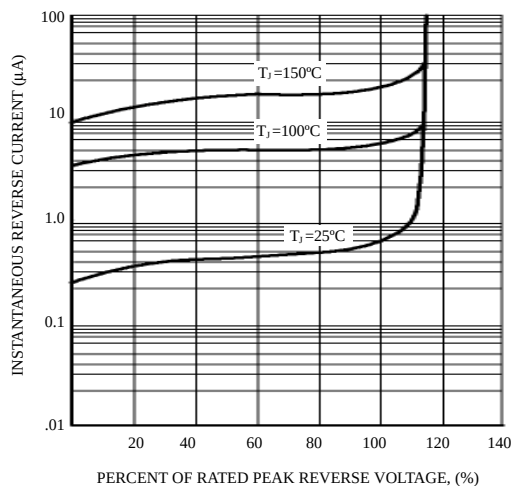


FIG. 4 - TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

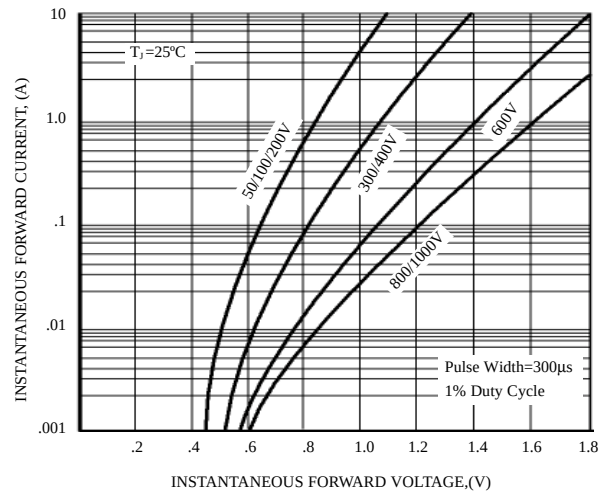


FIG. 5 - MAXIMUM NON-REPETITIVE
FOWARD SURGE CURRENT

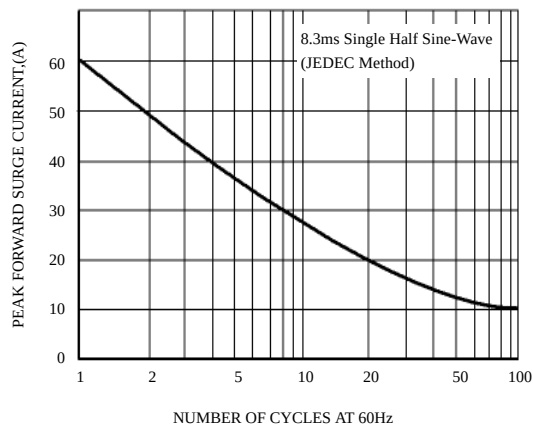


FIG. 6 - TYPICAL JUNCTION CAPACITANCE

