

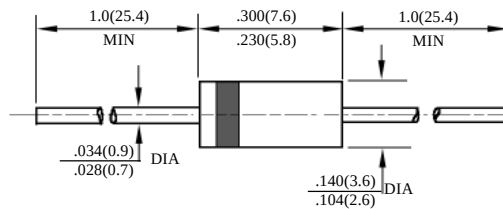
HER201 – HER208

2A 高效二极管

2A HIGH EFFICIENCY 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}	DO – 15
	V _{PK}	A _{AV}	°C	A _{PK}	μAdc	A _{PK}	V _{PK}	ns	
HER201	50	2.0	50	60	5.0	2.0	1.00	50	
HER202	100						1.00		
HER203	200						1.00		
HER204	300						1.30		
HER205	400						1.30	70	
HER206	600						1.85		
HER207	800						1.85		
HER208	1000						1.85		

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

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


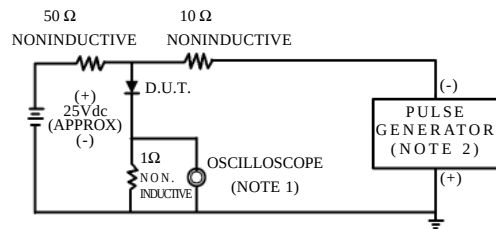
DO – 15

HER201 – HER208

2A 高效率二极管额定值与特性曲线

2A RATING & CHARACTERISTIC CURVES OF HIGH EFFICIENCY 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

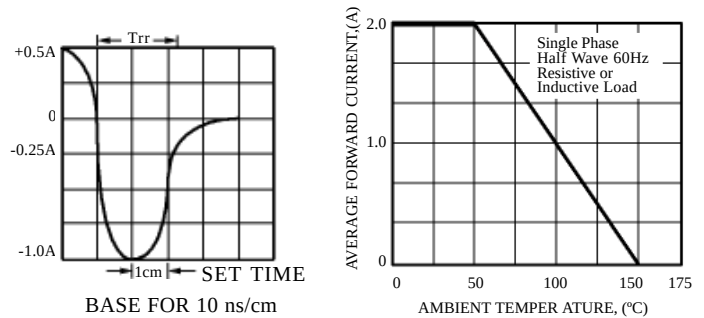


FIG. 3 - TYPICAL REVERSE
CHARACTERISTICS

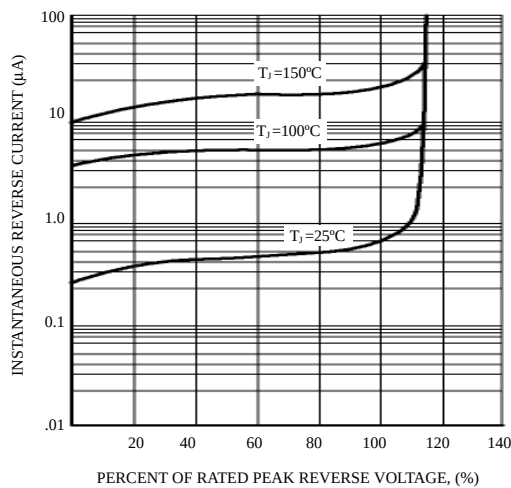


FIG. 4 - TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

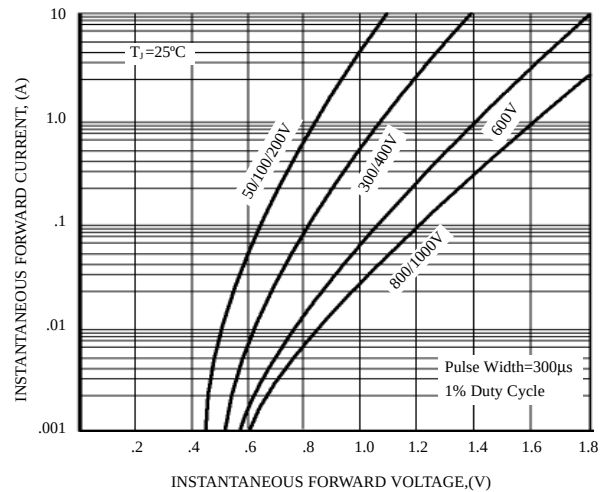


FIG. 5 - MAXIMUM NON-REPETITIVE
FOWARD SURGE CURRENT

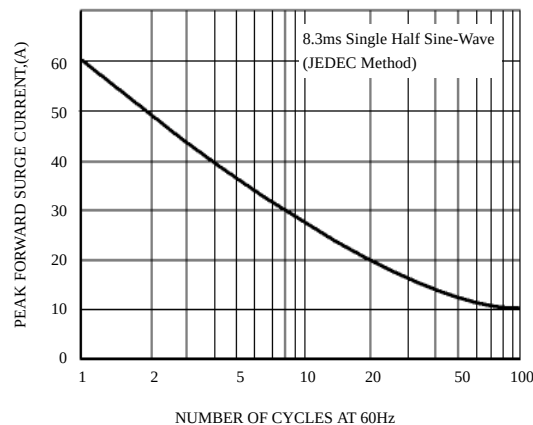


FIG. 6 - TYPICAL JUNCTION CAPACITANCE

