

高效整流二极管 High Efficient Rectifier

■特征 Features

- I_o 1.0A
- VRRM 50V-1000V
- 耐正向浪涌电流能力高
- High surge current capability

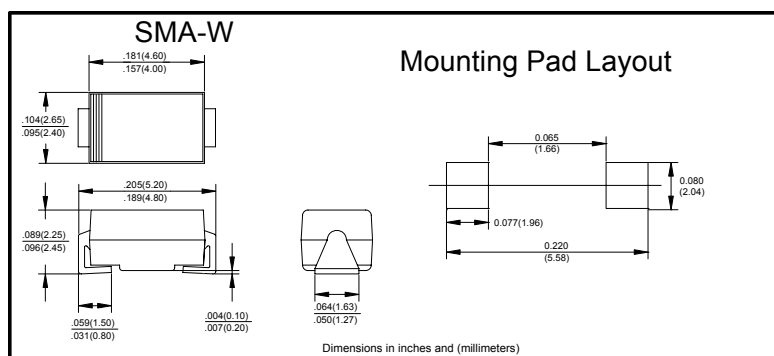
■用途 Applications

- 整流用 Rectifier

■ 极限值（绝对最大额定值）

Limiting Values (Absolute Maximum Rating)

■外形尺寸和印记 Outline Dimensions and Mark

[illegible]

■电特性 (Ta=25℃ 除非另有规定)

Electrical Characteristics (T_a=25°C Unless otherwise specified)

参数名称 Item	符号 Symbol	单位 Unit	测试条件 Test Condition		US					
					1A	1B	1D	1F	1G	1J
正向峰值电压 Peak Forward Voltage	V _{FM}	V	I _{FM} =1.0A		1.0		1.3		1.7	
反向峰值电流 Peak Reverse Current	I _{RRM1}	μA	V _{RM} =V _{RRM}	T _a =25℃	5					
	T _a =125℃			50						
反向恢复时间 Reverse Recovery time	t _{tr}	ns	I _F =0.5A I _R =1A I _{RR} =0.25A		50			75		
热阻(典型) Thermal Resistance(Typical)	R _{θJ-A}	℃/W	结和环境之间 Between junction and ambient		55					
	R _{θJ-L}		结和引线之间 Between junction and lead		25					

■特性曲线（典型） Characteristics(Typical)

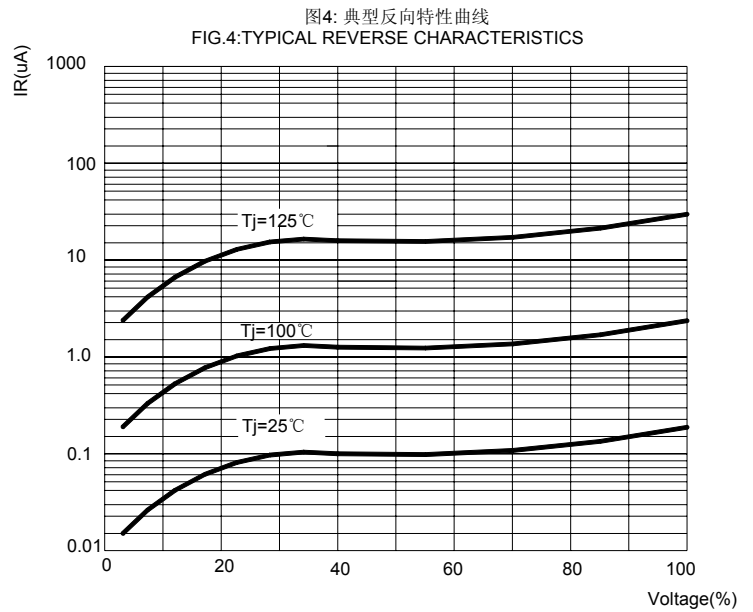
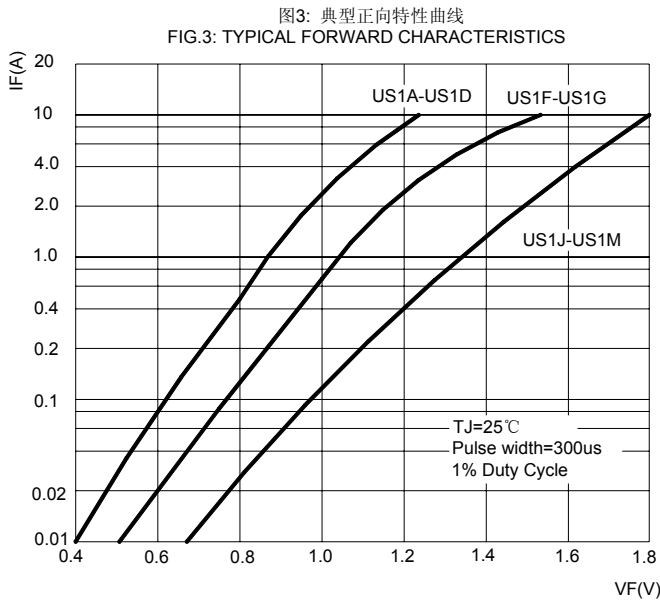
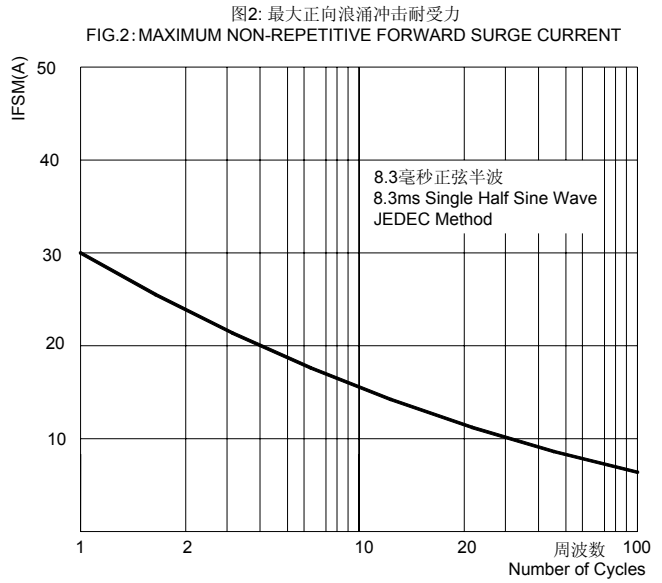
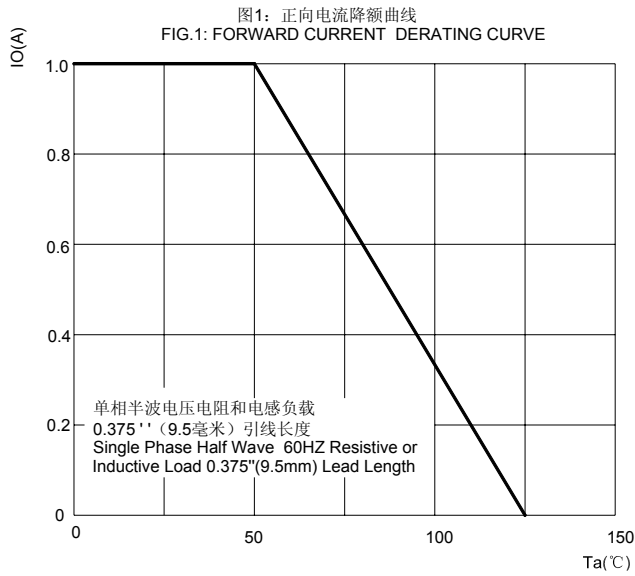


图5: 反向恢复时间试验电路及测试波形示意图
FIG.5: Diagram of circuit and Testing wave form of reverse recovery time

