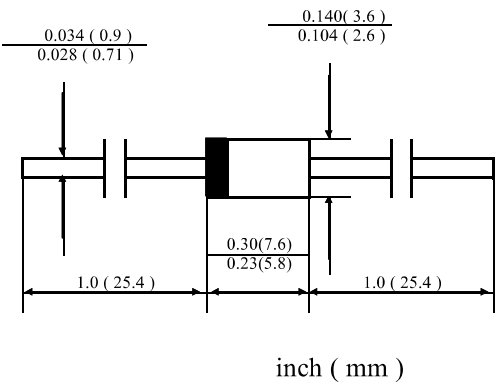


外形尺寸和印记 Outline Dimensions and Mark
DO-204AC(DO-15)



- 特征 Features
- I_o 2.5A
 - 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)

参数名称 Item	符号 Symbol	单位 Unit	条件 Conditions	RL						
				251	252	253	254	255	256	257
反向重复峰值电压 Repetitive Peak Reverse Voltage	V_{RRM}	V		50	100	200	400	600	800	1000
正向平均电流 Average Forward Current	$I_{F(AV)}$	A	正弦半波 60Hz,电阻负载,Ta=75℃ 60Hz Half-sine wave, Resistance load, Ta=75℃	2.5						
正向（不重复）浪涌电流 Surge(Non-repetitive)Forward Current	I_{FSM}	A	正弦半波 60Hz, 一个周期,Ta=25℃ 60Hz Half-sine wave,1 cycle, Ta=25℃	90						
结温 Junction Temperature	T_J	℃		-55~+125						
储存温度 Storage Temperature	T_{STG}	℃		-55 ~ +150						

电特性 (Ta=25℃ 除非另有规定)
Electrical Characteristics (Ta=25℃ Unless otherwise specified)

参数名称 Item	符号 Symbol	单位 Unit	测试条件 Test Condition		最大值 Max
正向峰值电压 Peak Forward Voltage	V_{FM}	V	$I_{FM}=2.5A$		1.1
反向峰值电流 Peak Reverse Current	I_{RRM1}	μA	$V_{RM}=V_{RRM}$	Ta=25℃	5
	I_{RRM2}			Ta=100℃	50

■特性曲线（典型）

图1: 正向电流降额曲线
FIG.1: FORWARD CURRENT DERATING CURVE

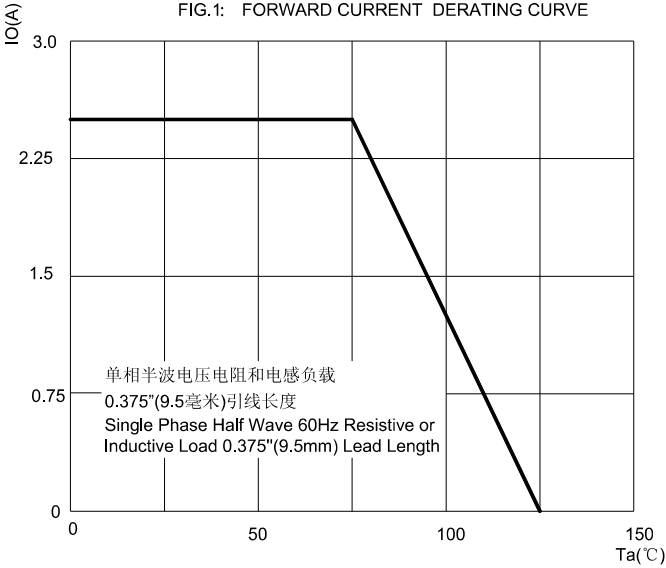


FIG.2: MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

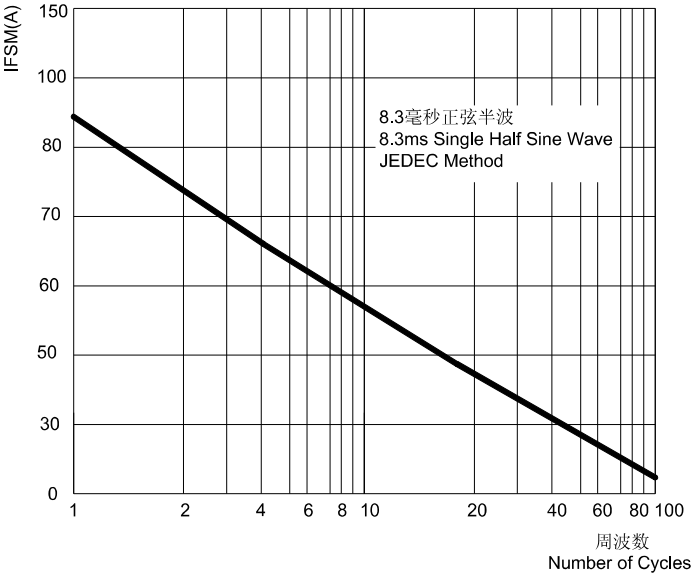


图3: 典型正向特性曲线
FIG.3: YPICAL FORWARD CHARACTERISTICS

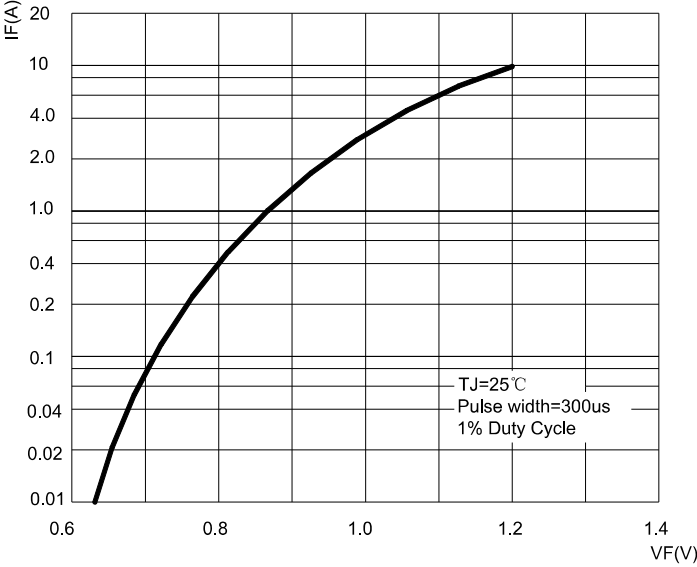


图4: 典型反向特性曲线
FIG.4: TYPICAL REVERSE CHARACTERISTICS

