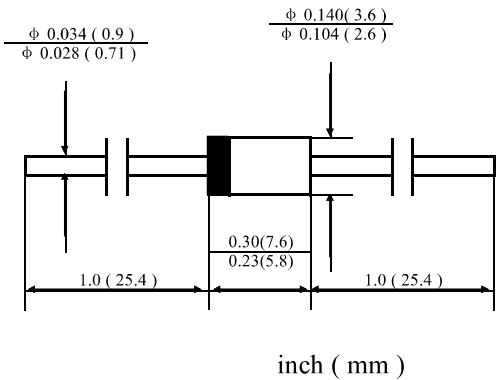


外形尺寸和印记 Outline Dimensions and Mark
DO-204AC(DO-15)



特征 Features

- I_o 2A
- 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						
				201G	202G	203G	204G	205G	206G	207G
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=50℃ 60Hz Half-sine wave, Resistance load, Ta=50℃	2						
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℃	70						
结温 Junction Temperature	T _J	℃		-55~+150						
储存温度 Storage Temperature	T _{STG}	℃		-55 ~ +175						

电特性（ $T_a=25^{\circ}C$ 除非另有规定）
Electrical Characteristics ($T_a=25^{\circ}C$ 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	$I_{FM}=2.0A$		1.1
反向峰值电流 Peak Reverse Current	I_{RRM1}	μA	$V_{RM}=V_{RRM}$	$T_a=25^{\circ}C$	5
	I_{RRM2}			$T_a=125^{\circ}C$	50
热阻(典型) Thermal Resistance(Typical)	$R_{\theta J-A}$	$^{\circ}C/W$	结和环境之间 Between junction and ambient		25
	$R_{\theta J-L}$		结和引线之间 Between junction and lead		20

■ 特性曲线 (典型)

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

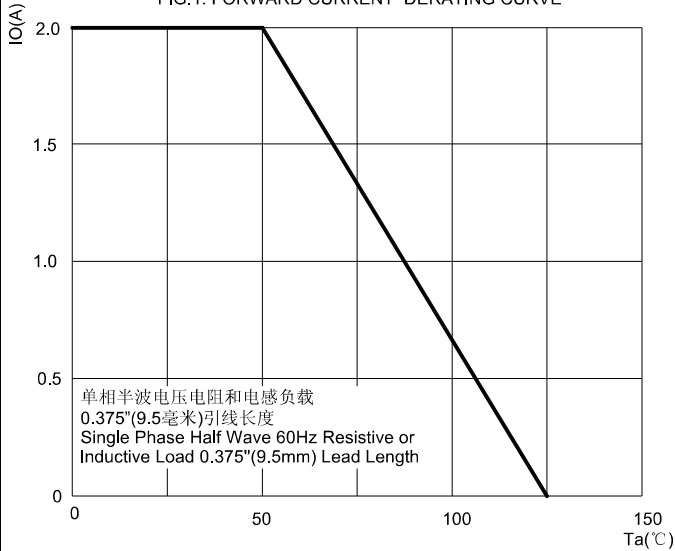


图2: 最大正向浪涌冲击耐受力
FIG.2: MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

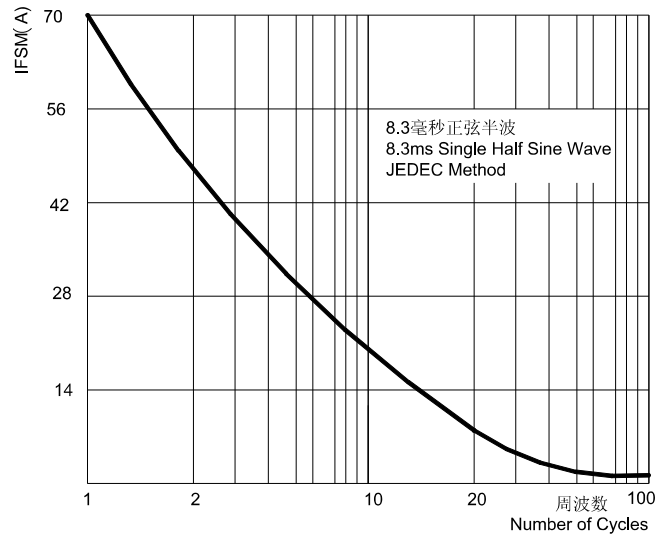


图3: 典型正向特性曲线
FIG.3: TYPICAL FORWARD CHARACTERISTICS

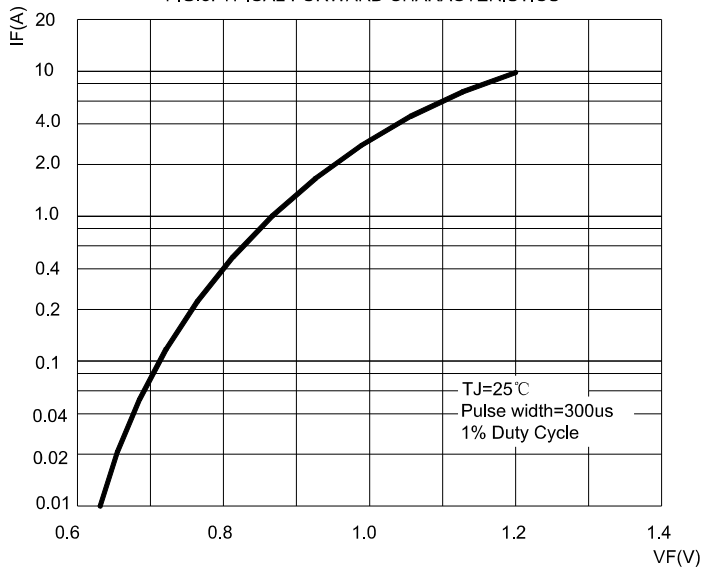


图4: 典型反向特性曲线
FIG.4: TYPICAL REVERSE CHARACTERISTICS

