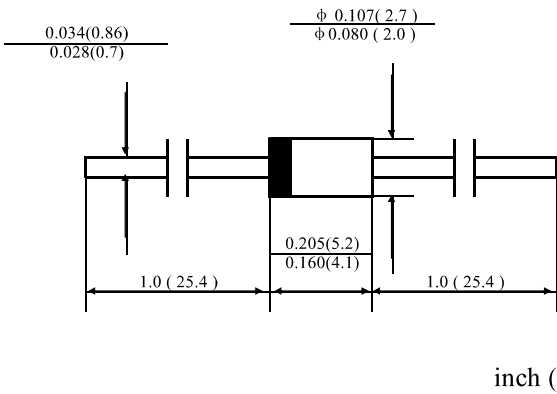


外形尺寸和印记 Outline Dimensions and Mark
DO-41



特征 Features

- I_o 1.0A
- VRRM 200V-600V
- 耐正向浪涌电流能力高
- High surge current capability

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	BYV26-				
				A	B	C	D	E
反向重复峰值电压 Repetitive Peak Reverse Voltage	V_{RRM}	V		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, $T_a=50^{\circ}C$ 60Hz Half-sine wave, Resistance load, $T_a=50^{\circ}C$	1.0				
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, $T_a=25^{\circ}C$ 60Hz Half-sine wave, 1 cycle, $T_a=25^{\circ}C$	30				
结温 Junction Temperature	T_J	$^{\circ}C$		-55~+125				
储存温度 Storage Temperature	T_{STG}	$^{\circ}C$		-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		BYV26-				
					A	B	C	D	E
正向峰值电压 Peak Forward Voltage	V _{FM}	V	I _{FM} =1.0A		2.5				
反向峰值电流 Peak Reverse Current	I _{RRM1}	μA	V _{RM} =V _{RRM}	T _a =25℃	5				
	I _{RRM2}			T _a =100℃	100				
反向恢复时间 Reverse Recovery time	t _{rr}	ns	I _F =0.5A I _R =1A I _{RR} =0.25A		35			75	
热阻(典型) Thermal Resistance(Typical)	R _{θJ-A}	℃/W	结和环境之间 Between junction and ambient		75				

■特性曲线（典型）

FIG. 1 -- TYPICAL FORWARD CHARACTERISTIC

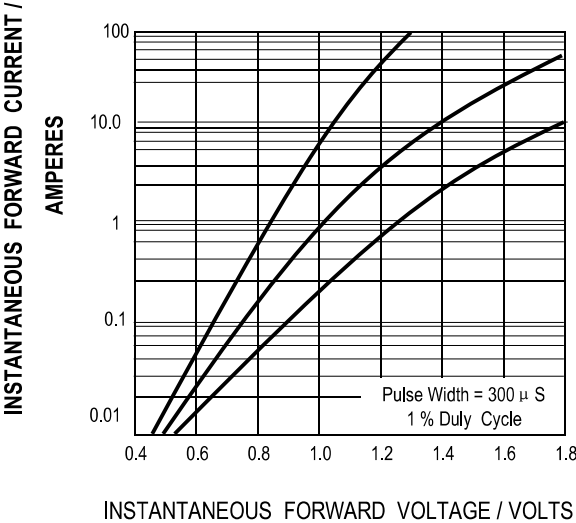


FIG. 2 - TYPICAL JUNCTION CAPACITANCE

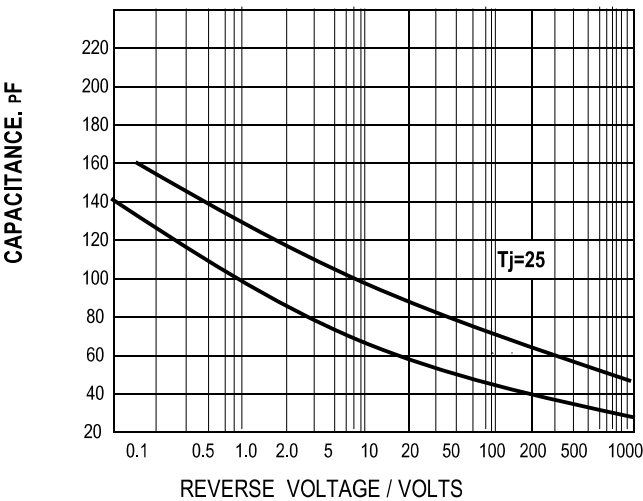


FIG. 3 - FORWARD CURRENT DERATING CURVE

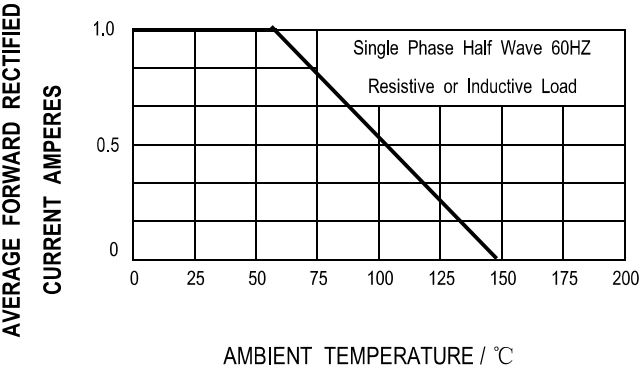


FIG. 4 - PEAK FORWARD SURGE CURRENT

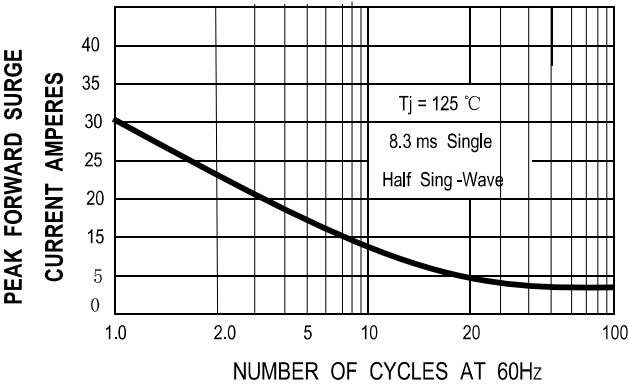


FIG.5: Diagram of circuit and Testing wave form of reverse recovery time

