



Unit: mm

**特征 Features**

- 玻璃密封焊接; Hermetically Sealed Glass
- 反向漏电小; Low Reverse Leakage
- 高稳定性和可靠性。High Stability and High Reliability

**机械数据 Mechanical Data**

- 封装: DO-35 玻璃封装 Case: DO-35 Glass Case
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

极限值和温度特性(TA = 25°C 除非另有规定)

**Maximum Ratings & Thermal Characteristics** (Ratings at 25°C ambient temperature unless otherwise specified.)

参数 Parameters	符号 Symbol	数值 Value		单位 Unit
		1N60	1N60P	
最高反向电压 Peak Reverse Voltage	V <sub>RM</sub>	40	45	V
最高正向电流 Peak Forward Current	I <sub>FM</sub>	150		mA
平均整流输出电流 Average Rectified Output Current	I <sub>O</sub>	50		mA
正向浪涌电流 Surge Forward Current	I <sub>SURGE</sub>	500		mA
存储温度 Storage temperature	T <sub>s</sub>	-55-+175		°C
工作结温度 Operating Junction Temperature	T <sub>j</sub>	75		°C

电特性 (TA = 25°C 除非另有规定)

**Electrical Characteristics** (Ratings at 25°C ambient temperature unless otherwise specified.)

符号 Symbols	参数 Parameter	测试条件 Test Condition	Limits		单位 Unit	
			Min	Max		
IR	反向漏电流 Reverse Leakage Current	VR=15V	1N60	---	0.5	uA
			1N60P	---	1	
VF	正向电压 Forward Voltage	IF=1mA	1N60	---	0.5	V
			1N60P	---	0.5	
		IF=30mA	1N60	---	1.0	
		IF=100mA	1N60P	---	1.0	
TRR	反向恢复时间 Reverse Recovery Time	IF=IR=1mA RL=100Ω IRR=1mA	---	1	nS	
CJ	结电容 Junction Capacitance	VR=1V, f=1MHZ	1N60	---	2	pF
		VR=10V, f=1MHZ	1N60P	---	6	