

塑封快恢复高压二极管

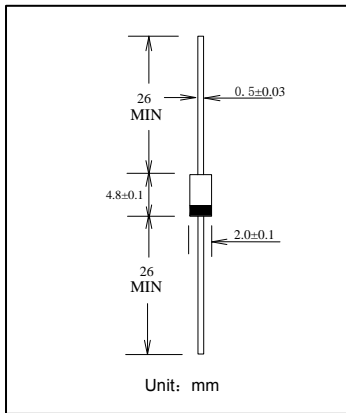
反向电压 6KV

正向电流 5mA

Plastic Fast Recover High Voltage Rectifier

Reverse Voltage 6KV

Forward Current 5mA



特征 Features

- 适用于高稳定显示器或电视接收机及办公类自动化设备
For high resolution displays or TV receivers and Working automation equipment
- 扩散结
Diffused-junction
- 具有良好的高温输出特性
Excellent high temperature output characteristics
(Small leakage current at high temperature and excellent reverse characteristics)

绝对最大数值

Absolute Maximum Ratings

序号 No.	项目 Item	符号 Symbol	单位 Unit	数值 Rating	条件 Conditions
1	反向重复峰值电压 Repetitive Peak Reverse Voltage	V_{RRM}	KV	6	
2	反向不重复峰值电压 Non-Repetitive Peak Reverse Voltage	V_{RSM}	KV	8	
3	正向平均电流 Average Forward Current	$I_{F(AV)}$	mA	5	50HZ 正弦半波平均值, ($T_{amb}=50^{\circ}C$) 50HZ Sine-half Wave Rectification Average Value ($T_{amb}=50^{\circ}C$)
4	正向(不重复)浪涌电流 Non-Repetitive Forward Surge Current	I_{FSM}	A	0.5	50HZ 10ms 正弦半波 ($T_{amb}=25^{\circ}C$) 50HZ 10ms Sine-half Wave, ($T_{amb}=25^{\circ}C$)
5	工作环境温度 Ambient Temperature	T_{amb}	$^{\circ}C$	-40~+100	
6	最高结温 Maximum Junction Temperature	$T_{(vj)}$	$^{\circ}C$	120	
7	贮存温度 Storage Temperature	T_{stg}	$^{\circ}C$	-40~+120	

电特性(除非另有规定, $T_{amb}=25^{\circ}C$)

Electrical Characteristics($T_{amb}=25^{\circ}C$, unless otherwise specified)

序号 NO.	项目 Item	符号 Symbol	单位 Unit	数值 Rating	测试条件 Test conditions
1	正向压降 Forward Voltage Drop	V_{FM}	V	20.0max	$I_{FM}=10mA$
2	常温反向漏电流 Normal Temperature Reverse Current	I_{RM1}	μA	2max	$V_{RM}=6KV$
3	高温反向漏电流 High Temperature Reverse Current	I_{RM2}	μA	5max	$T_{amb}=100^{\circ}C$ $V_{RM}=6KV$
4	结电容 Junction Capacitance	C_j	pF	1max	1MHZ, $V_B=0V$
5	反向恢复时间 Reverse Recovery Time	trr	μS	0.1 max	$I_F=2mA, I_{RM}=4 mA$ 脉冲前沿小于 $0.01 \mu S$ Fore edge of pulse less than $0.01 \mu s$

外形尺寸及标识

Dimensions and Marking

