

## 塑封高压二极管

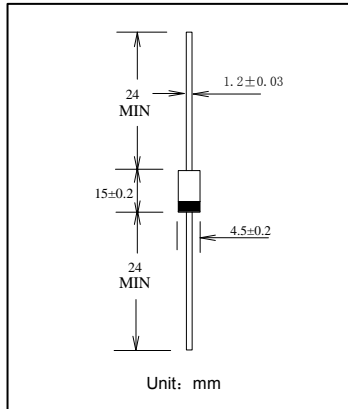
反向电压 12KV

正向电流 350mA

## Plastic High Voltage Rectifier

Reverse Voltage 12KV

Forward Current 350mA



## 特征 Features

- $I_{F(AV)}$  350 mA
- $V_{RRM}$  12KV
- 高可靠性 High reliability

## 用途 Purpose

- 微波炉及其他电子设备高压电源整流用  
Rectification for high voltage power supply of magnetron in  
Micro wave oven and others

极限值和温度特性  $T_A = 25^\circ\text{C}$  除非另有规定。Maximum Ratings & Thermal Characteristics Ratings at  $25^\circ\text{C}$  ambient temperature unless otherwise specified.

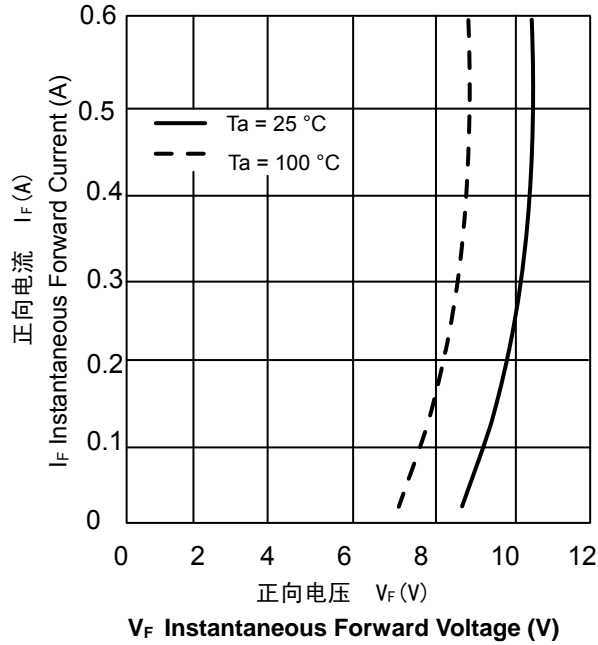
参数名称 Item	符号 Symbol	CL01-12S	单位 Unit
反向重复峰值电压 Repetitive Peak Reverse Voltage	$V_{RRM}$	12	KV
正向平均电流 Average Forward Current	$I_{F(AV)}$	350	mA
正向（不重复）浪涌电流 Non-Repetitive Forward Surge Current	$I_{FSM}$	30	A
工作环境温度 Ambient Temperature	$T_{amb}$	-40 --- +100	$^\circ\text{C}$
最高结温 Maximum Junction Temperature	$T_{(j)}$	130	$^\circ\text{C}$
贮存温度 Storage Temperature	$T_{stg}$	-40 --- +130	$^\circ\text{C}$

电特性  $T_A = 25^\circ\text{C}$  除非另有规定。Electrical Characteristics Ratings at  $25^\circ\text{C}$  ambient temperature unless otherwise specified.

参数名称 Item	符号 Symbol	CL01-12S	单位 Unit
正向压降 Forward Voltage Drop $I_F = 350\text{mA}$	$V_F$	12	V
最大反向漏电流 Temperature Reverse Current $T_A = 25^\circ\text{C}$	$I_{RM1}$	5	$\mu\text{A}$
高温反向漏电流 High Temperature Reverse Current $T_A = 100^\circ\text{C}$	$I_{RM2}$	50	$\mu\text{A}$

特性曲线 Characteristic Curves

正向特性曲线  
TYPICAL FORWARD CHARACTERISTIC



反向特性曲线  
REVERSE CHARACTERISTIC [VR-IR]

