SIYU®

CL01-12S

塑封高压二极管

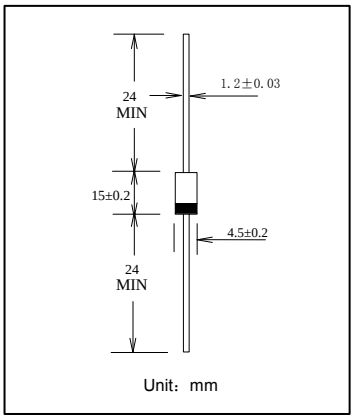
反向电压 12KV

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 owen and others

极限值和温度特性 TA = 25℃ 除非另有规定。

Maximum Ratings & Thermal Characteristics Ratings at 25℃ 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	Tamb	-40 --- +100	℃
最高结温 Maximum Junction Temperature	$T_{(J)}$	130	℃
贮存温度 Storage Temperature	T_{stg}	-40 --- +130	℃

电特性 TA = 25℃ 除非另有规定。

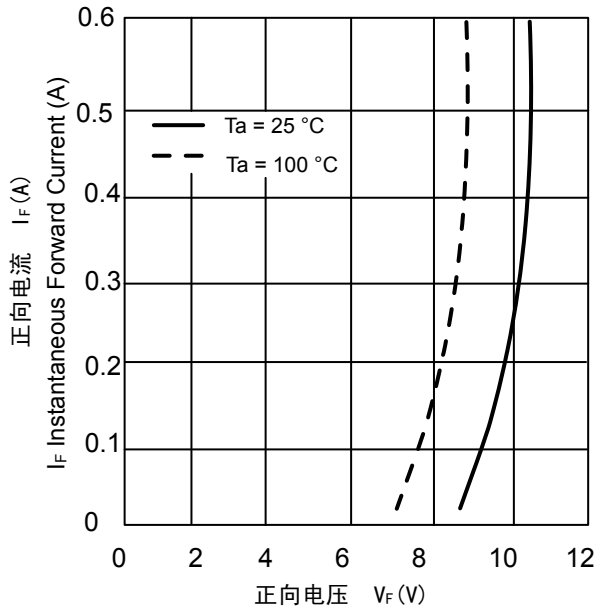
Electrical Characteristics Ratings at 25℃ ambient temperature unless otherwise specified.

参数名称 Item		符号 Symbol	CL01-12S	单位 Unit
正向压降 Forward Voltage Drop	I_F =350mA	V_F	12	V
最大反向漏电流 Temperature Reverse Current	TA=25℃	I_{RM1}	5	μA
高温反向漏电流 High Temperature Reverse Current	TA=100℃	I_{RM2}	50	μA

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]

