

塑封高压二极管

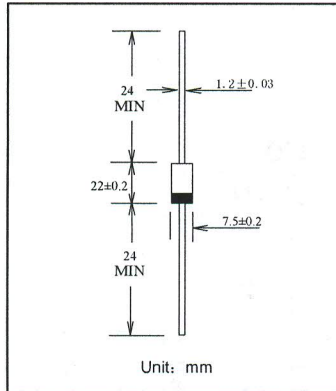
反向电压 8KV

正向电流 350mA

Plastic High Voltage Rectifier

Reverse Voltage 8KV

Forward Current 350mA



特征 Features

- $I_{F(AV)}$ 350 mA
- V_{RRM} 8KV
- 高可靠性 High reliability

用途 Purpose

- 适用于高频高压大电流整流电路
Applicable to high frequency high-voltage high-current rectifier circuit

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°C ambient temperature unless otherwise specified.

参数名称 Item	符号 Symbol	CL03-08	单位 Unit
反向重复峰值电压 Repetitive Peak Reverse Voltage	V_{RRM}	8	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}	15	A
工作环境温度 Ambient Temperature	T_{amb}	-30 --- +100	$^\circ\text{C}$
最高结温 Maximum Junction Temperature	$T_{(vj)}$	120	$^\circ\text{C}$
贮存温度 Storage Temperature	T_{stg}	-30 --- +130	$^\circ\text{C}$

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

参数名称 Item	符号 Symbol	CL03-08	单位 Unit
正向压降 Forward Voltage Drop $I_F = 350\text{mA}$	V_F	18	V
最大反向漏电流 Temperature Reverse Current $T_A = 25^\circ\text{C}$	I_{RM1}	10	μA
高温反向漏电流 High Temperature Reverse Current $T_A = 100^\circ\text{C}$	I_{RM2}	50	μA
反向恢复时间 Reverse Recovery Time $I_F = 2\text{mA}, I_{RM} = 4\text{mA}$	t_{rr}	150	nS