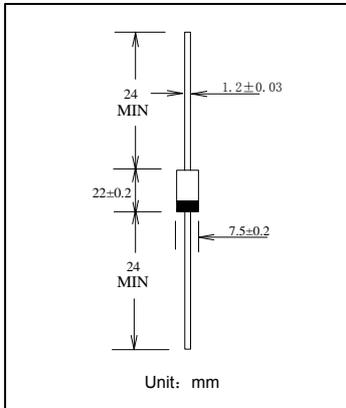


## Plastic High Voltage Rectifier

Reverse Voltage 9KV Forward Current 350mA



### Features

- $I_{F(AV)}$  350 mA
- $V_{RRM}$  9KV
- High reliability

### Purpose

Rectification for high voltage power supply of magnetron in Micro wave oven and others

### Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

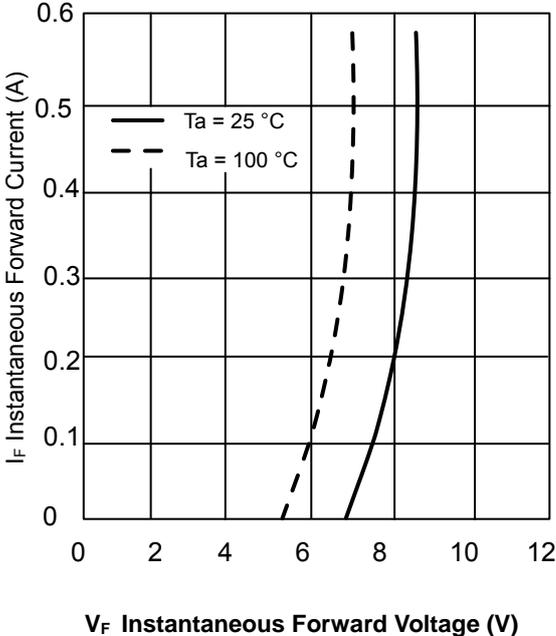
Item	Symbol	CL01-09	Unit
Repetitive Peak Reverse Voltage	$V_{RRM}$	9	KV
Average Forward Current	$I_{F(AV)}$	350	mA
Non-Repetitive Forward Surge Current	$I_{FSM}$	30	A
Ambient Temperature	$T_{amb}$	-40 --- +100	°C
Maximum Junction Temperature	$T_{(J)}$	130	°C
Storage Temperature	$T_{stg}$	-40 --- +130	°C

### Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

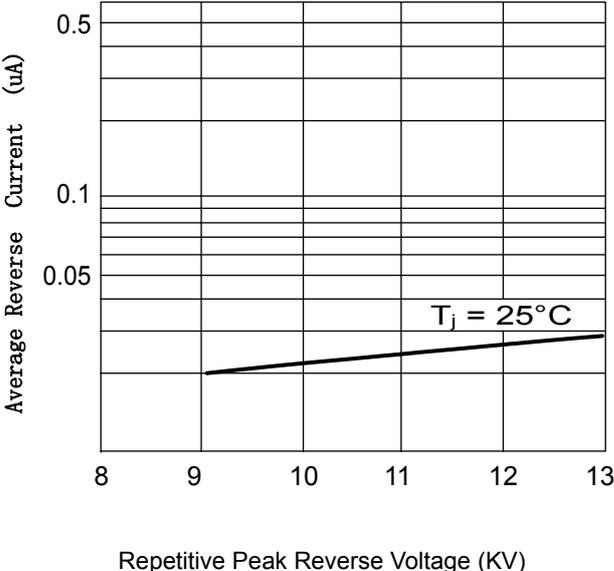
Item	Symbol	CL01-09	Unit
Forward Voltage Drop $I_F = 350mA$	$V_F$	10	V
Temperature Reverse Current $T_A = 25^\circ C$	$I_{RM1}$	5	$\mu A$
High Temperature Reverse Current $T_A = 100^\circ C$	$I_{RM2}$	50	$\mu A$

# Characteristic Curves

TYPICAL FORWARD CHARACTERISTIC



REVERSE CHARACTERISTIC [VR-IR]



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