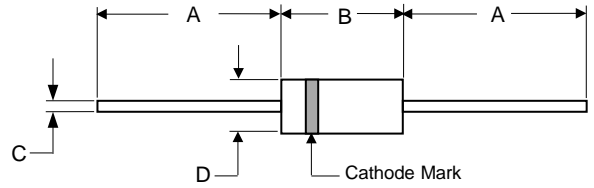


### Features

- \* High reliability
- \* Rectification for high voltage power supply of magnetron in Micro wave oven and others



RoHS  
COMPLIANT



HV 7.5X22, $\Phi$ 1.2				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.945	---	24	---
B	0.858	0.874	21.8	22.2
C	0.046	0.048	1.17	1.23
D	0.287	0.303	7.3	7.7

### Maximum Ratings and Thermal Characteristics (TA=25°C unless otherwise noted)

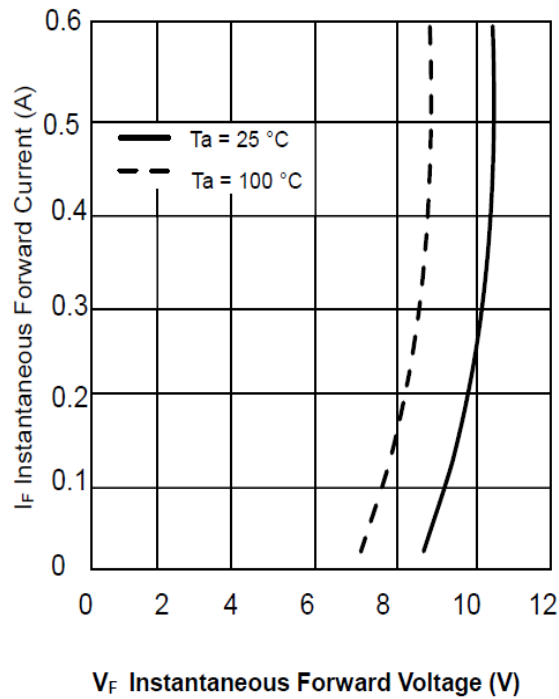
Item	Symbol	2CL3512	Unit
Repetitive Peak Reverse Voltage	VRRM	12	KV
Average Forward Current	IF(AV)	350	mA
Non-Repetitive Forward Surge Current	IFSM	30	A
Ambient Temperature	Tamb	-40 --- +100	°C
Maximum Junction Temperature	T(J)	130	°C
Storage Temperature	Tstg	-40 --- +130	°C

### Electrical Characteristics (TA=25°C unless otherwise noted)

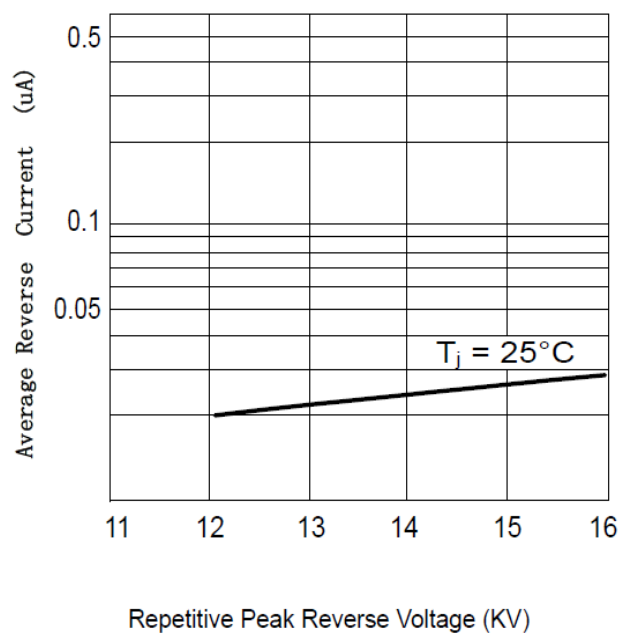
Item	Symbol	2CL3512	Unit
Forward Voltage Drop IF =350mA	VF	12	V
Normal Temperature Reverse Current VR=VRRM	IRM1	5	μA
High Temperature Reverse Current TA=100°C VR=VRRM	IRM2	50	μA

**Ratings and Characteristic Curves**

TYPICAL FORWARD CHARACTERISTIC



REVERSE CHARACTERISTIC [VR-IR]





## 2CL3512

### *Plastic High Voltage Rectifier*

#### Ordering Information

Part No.	Package	Packing Code	Packing
2CL3512	HV 7.5X22, $\Phi$ 1.2	BXA	50pcs/Bulk

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