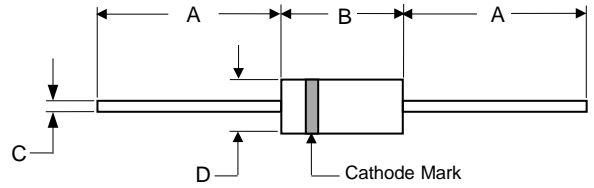


Features

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



RoHS
COMPLIANT



HV 4.5X15, Φ1.2				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.945	---	24	---
B	0.583	0.598	14.8	15.2
C	0.046	0.048	1.17	1.23
D	0.169	0.185	4.3	4.7

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

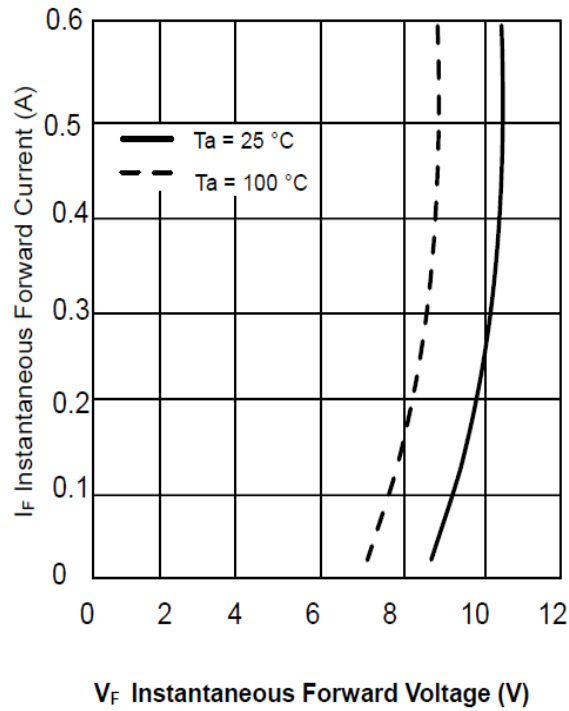
Item	Symbol	2CL3512S	Unit
Repetitive Peak Reverse Voltage	VRRM	12	KV
Average Forward Current	IF(AV)	350	mA
Non-Repetitive Forward Surge Current	IFSM	30	A
Ambient Temperature	Tamb	-40 --- +100	°C
Maximum Junction Temperature	T(J)	130	°C
Storage Temperature	Tstg	-40 --- +130	°C

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

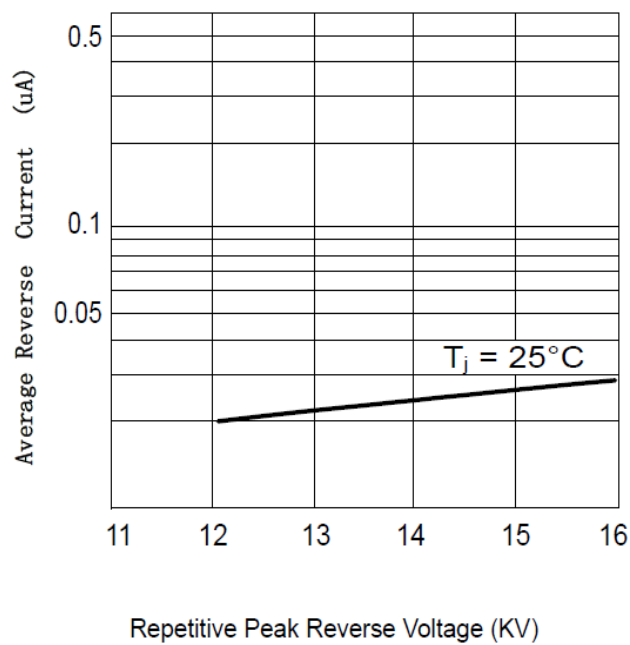
Item	Symbol	2CL3512S	Unit
Forward Voltage Drop IF =350mA	VF	12	V
Normal Temperature Reverse Current VR=VRRM	IRM1	5	μA
High Temperature Reverse Current TA=100°C VR=VRRM	IRM2	50	μA

Ratings and Characteristic Curves

TYPICAL FORWARD CHARACTERISTIC



REVERSE CHARACTERISTIC [VR-IR]





2CL3512S

Plastic High Voltage Rectifier

Ordering Information

Part No.	Package	Packing Code	Packing
2CL3512S	HV 4.5X15, Φ 1.2	BXA	50pcs/Bulk

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