EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

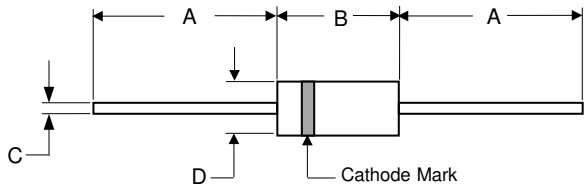
2CL4512

Plastic High Voltage Rectifier

Features

* High reliability

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





RoHS COMPLIANT

HV 7.5X22, Φ1.2*				
DIM	INCHES		MM	
	MIN	MAX	MIN	MAX
A	0.709	0.866	18	22
B	0.846	0.886	21.5	22.5
C	0.046	0.048	1.17	1.23
D	0.276	0.315	7.0	8.0

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

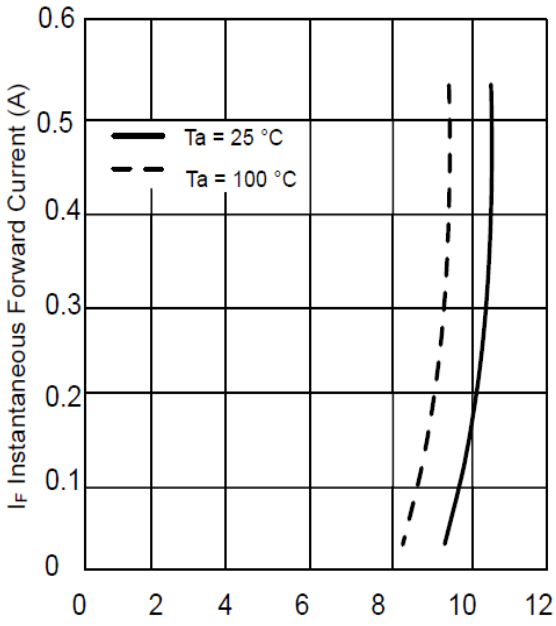
Item	Symbol	2CL4512	Unit
Repetitive Peak Reverse Voltage	VRRM	12	KV
Average Forward Current	IF(AV)	450	mA
Non-Repetitive Forward Surge Current	IFSM	30	A
Ambient Temperature	Tamb	-40 --- +100	℃
Maximum Junction Temperature	T(J)	130	℃
Storage Temperature	Tstg	-40 --- +130	℃

Electrical Characteristics (TA=25℃ unless otherwise noted)

Item	Symbol	2CL4512	Unit
Forward Voltage Drop IF =450mA	VF	12	V
Normal Temperature Reverse Current VR=VRRM	IRM1	5	μA
High Temperature Reverse Current TA=100℃ VR=VRRM	IRM2	50	μA

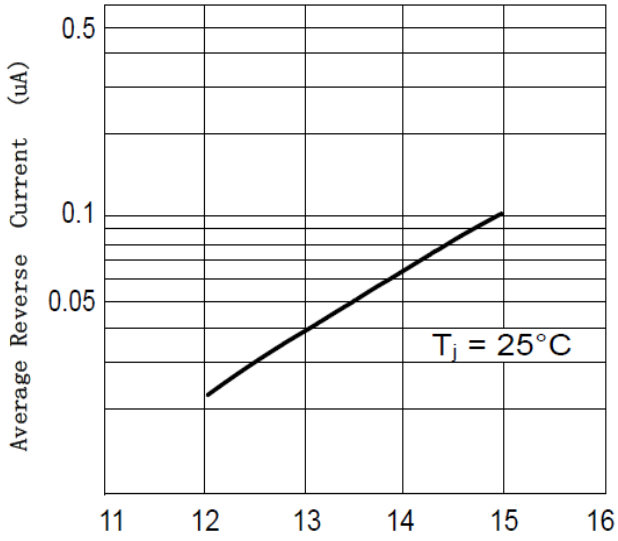
Ratings and Characteristic Curves

TYPICAL FORWARD CHARACTERISTIC



V_F Instantaneous Forward Voltage (V)

REVERSE CHARACTERISTIC [VR-IR]



Repetitive Peak Reverse Voltage (KV)

Ordering Information

Part No.	Package	Packing Code	Packing
2CL4512	HV 7.5X22, Φ1.2*	BXA	50pcs/Bulk

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