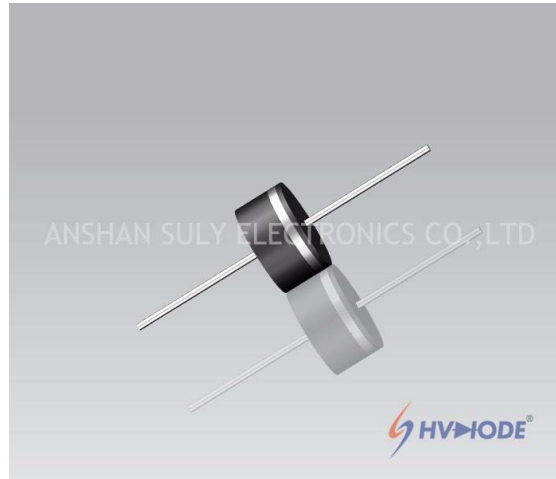


2CLHC Series High Current High Voltage Diodes



1. Low leakage, resistant to surge, resistant to shock.
2. Great avalanche voltage breakdown protection features.
3. High heat resistance, PN junction temperature peak 130°
4. Environmentally friendly process, international standards
5. Using epoxy resin molding vacuum package, with corrosion resistant surface

High Voltage Equipment Safety, Marine High Voltage Equipment

Product Overview:

Our high voltage diode products are composed of multiple miniature P-N junction chips in series, High Voltage Equipment Safety which are the high voltage resistance layered modular constructions.

Product Features: High reverse breakdown voltage, low forward voltage drop, high current resistance, ultrafast recovery time, low leakage current, fitting into harsh working condition and so on.

Technology application for these series products: High Voltage Equipment Safety high voltage resistance and heat resistance structural designs; special cutting technique for die chips; adopting new and advanced high heat resistance protective glue passivation to ensure the miniature plastic package humidity resistance reach to the international advanced level; adopting new molding compound for modeling package to ensure humidity and heat resistance of silicon stacks reach to international advanced level.

Type	Vrrm (KV)	IO (A)	IFSM (A)	VFM (V)	IR(μ A)	TRR(nS)	Tstg ($^{\circ}$ C)	Size(mm)
2CLHC2KV-3A	2	3	120	2.2	2	--	-40 TO 150	Φ 8.8 \times 8.8
2CLHC2KV-5A	2	5	200	2.4	2	--	-40 TO 150	Φ 15 \times 9
2CLHC2KV-10A	2	10	400	2.6	2	--	-40 TO 150	Φ 15 \times 9
2CLHC3KV-5A	3	5	200	3.3	2	--	-40 TO 150	Φ 15 \times 9
2CLHC3KV-8A	3	8	300	3.6	2	--	-40 TO 150	Φ 15 \times 9
2CLHC4KV-5A	4	5	200	4.8	2	--	-40 TO 150	Φ 15 \times 9
2CLHC4KV-8A	4	8	300	5.2	2	--	-40 TO 150	Φ 15 \times 9
2CLHC5KV-3A	5	3	120	6	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC5KV-5A	5	5	200	6.5	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC8KV-3A	8	3	120	9.6	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC8KV-5A	8	5	200	10.5	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC10KV-2A	10	2	80	12	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC10KV-3A	10	3	120	13	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC12KV-2A	12	2	80	14.5	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC12KV-3A	12	3	120	15.5	2	--	-40 TO 150	Φ 7.5 \times 22
2CLHC15KV-1A	15	1	40	17.5	2	--	-40 TO 150	Φ 8 \times 40
2CLHC15KV-2A	15	2	80	19	2	--	-40 TO 150	Φ 8 \times 40
2CLHC15KV-3A	15	3	120	21	2	--	-40 TO 150	Φ 8 \times 40
2CLHC20KV-1A	20	1	40	24	2	--	-40 TO 150	Φ 8 \times 40
2CLHC20KV-2A	20	2	80	26	2	--	-40 TO 150	Φ 8 \times 60

Anshan Suly Electronics Co., Ltd. is a professional high technology enterprise that focuses on R&D, Marine High Voltage Equipment design and production of high voltage rectifier components for various fields.

Our main products are high voltage silicon stacks, industrial special silicon stacks, high voltage silicon rectifier diodes, Marine High Voltage Equipment high voltage silicon stacks of microwave oven, high voltage silicon rectifier bridges, high voltage rectifier components, high voltage modules and so on.

HV DIODE products are widely used in medical equipments, electrostatic precipitation, spraying, high frequency thermal bonding, oil dehydrating, high voltage detection, plasma injection, Marine High Voltage Equipment ion acceleration, electron beam welding, electron microscopy, air purification, vacuum coating, ultrasonic cleaning, high energy ignition, X-ray machine industrial microwave, radar modulation, laser equipments, all kinds of power supply and other electronic equipments.