

High Voltage & High Power Diodes



Diode is used as a rectifier for converting AC to DC, these diodes are available for High Voltage as well as high current & high frequency applications. The Diode assemblies are manufactured at Zeonics depending upon the requirements of the customer in series, parallel, and chain operations. All diode shapes are integrated together with or without circuits as and when required for the application.

Proudly Made in INDIA



Applications

Diodes used all over the world are nowadays for fast recovery, upto 75ns, PIV Voltage in the region of maximum 400kV, power diodes are also available and we integrate the diodes into sub-assemblies for specific applications like magnetisation, high impulse current, forward bias as well as blocking of signals, etc.,& protection networks.

Advantages

Purchasing Diodes from Zeonics has the advantage that we can tailor make the diode assembly as per the requirement of the customer. Each and every diode is tested for its peak inverse voltage and forward current test.



Specifications

1. PIV :
 1. 30kV if 100mA
 2. 50kV if 100mA
 3. 100kV if 250mA
2. Type No : Z/39/8
3. Range available : 5kV to 400kV PIV if 50mA to 25A



Specifications

1. PIV : 80kV /15kV/30kV/35kV if 200mA/100mA/500mA
2. Type No : Z/40/50, Z/39/22
3. Medium : Oil



Specifications

1. Name : Very High Voltage Ring Diode
2. PIV : 400kV
3. Formal Current : 50mA / 100mA/250mA/ 500mA
4. Type No : ZHS/001/54

Installation requirements

Diodes are typically installed depending upon its application of High Voltage or High Current, all High Current Diodes are installed either in an oil medium or air medium where cooling is required. All high voltage diodes are installed into air or oil medium depending upon the voltage class. We manufacture air diodes upto 400kV and oil immersed diode in very compact version.

Testing

Diodes are tested for their rating and typical test of voltage and current.

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