



## ZENER DIODE

### Zener Diode

#### Explanation:

A Zener diode is a special type of diode designed to allow current to flow in the reverse direction when a specific breakdown voltage is reached. It is widely used for voltage regulation.

#### Application:

- Used in power supply circuits to provide a stable output voltage.
- Protects circuits from voltage spikes.

#### Measurement Table:

Parameter	Value/Unit
Breakdown Voltage	V
Forward Voltage	V
Reverse Current	$\mu\text{A}$