



# HIGH VOLTAGE DIODE ZEONICS SYSTECH

DEFENCE & AEROSPACE ENGINEERS PVT LTD





# HIGH VOLTAGE DIODE

Capacitors have a wide range of applications in all sorts of electrical and electronic circuits. Zeonics Systech has developed a wide variety of capacitors designed and made to exacting specifications. All of our capacitors are designed to have a long-life and are cost-effective and rugged.

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# HIGH VOLTAGE DIODE

Part Number	PIV (kV)	Forward Current I <sub>F</sub> (A)
Z/47/41	0.72	200
Z/53/39	1.2	100
Z/47/07	1.2	200
Z/41/111	2	0.1
Z/32/29	2.5	3
Z/32/29	5	2.5
Z/44/46	5	3
Z/38/144	5	7
Z/33/220	6	1000
Z/35/117	7	1000
Z/32/151	10	0.01
Z/49/100	10	0.3
Z/42/71	10	0.5
Z/49/68	10	2
Z/33/226	10	5
Z/33/170	12	0.45
Z/49/82	12	50000
Z/35/116	15	0.2
Z/39/22	15	0.7
Z/54/82	15	3
Z/52/30	15	50
Z/35/115	20	0.1
Z/35/114	20	1
Z/34/197	20	3
Z/48/28	20	20000
Z/30/54	22	2

# HIGH VOLTAGE DIODE

Part Number	PIV (kV)	Forward Current I <sub>F</sub> (A)
Z/46/96	25	0.5
Z/52/35	25	0.5
Z/21/136	30	10
Z/28/2	40	0.1
Z/27/122	40	2.25
Z/42/40	40	5
Z/41/15	40	5
Z/31/20	48	0.15
Z/27/140	50	0.02
Z/32/151	50	0.02
Z/48/152	50	0.5
Z/53/45	50	0.55
Z/48/112	50	0.75
Z/39/10	50	2000
Z/20/74	70	0.01
Z/42/130	75	0.55
Z/40/50	80	0.3
Z/39/84	100	0.003
Z/27/42	100	0.01
Z/21/64	100	0.05
Z/28/13	100	0.1
Z/40/76	100	0.1
Z/54/86	100	0.1
Z/42/12	100	0.1
Z/27/130	100	0.25
Z/27/41	120	2.25

# HIGH VOLTAGE DIODE

Part Number	PIV (kV)	Forward Current I <sub>F</sub> (A)
Z/33/178	128	0.25
Z/36/41	130	0.55
Z/31/06	150	0.1
Z/23/119	150	0.15
Z/28/71	200	0.01
Z/25/123	200	0.05
Z/24/08	200	0.1
Z/39/81	220	0.2
Z/31/05	300	0.3
Z/27/151	400	0.1



Z/47/41



Z/33/220



Z/49/68



Z/49/82

# FAST RECOVERY DIODE

Part No	PIV	I <sub>F</sub>	t <sub>rr</sub>
Z/26/31	5kV	1A	75ns
Z/50/57	10kV	3A	75ns
Z/53/69	15kV	550mA	200ns
Z/32/41	50kV	100mA	250ns
Z/47/01	80kV	1.5A	75ns
Z/51/162	120kV	2A	250ns
Z/51/163	150kV	2A	250ns
Z/51/164	200kV	2A	250ns
Z/48/64	200kV	2A	500ns
Z/40/25	500kV	1A	150ns



Z/50/57



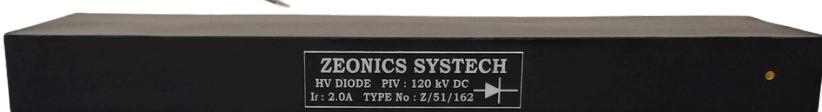
Z/32/41



Z/53/69



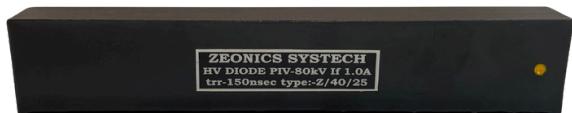
Z/47/01



Z/51/162

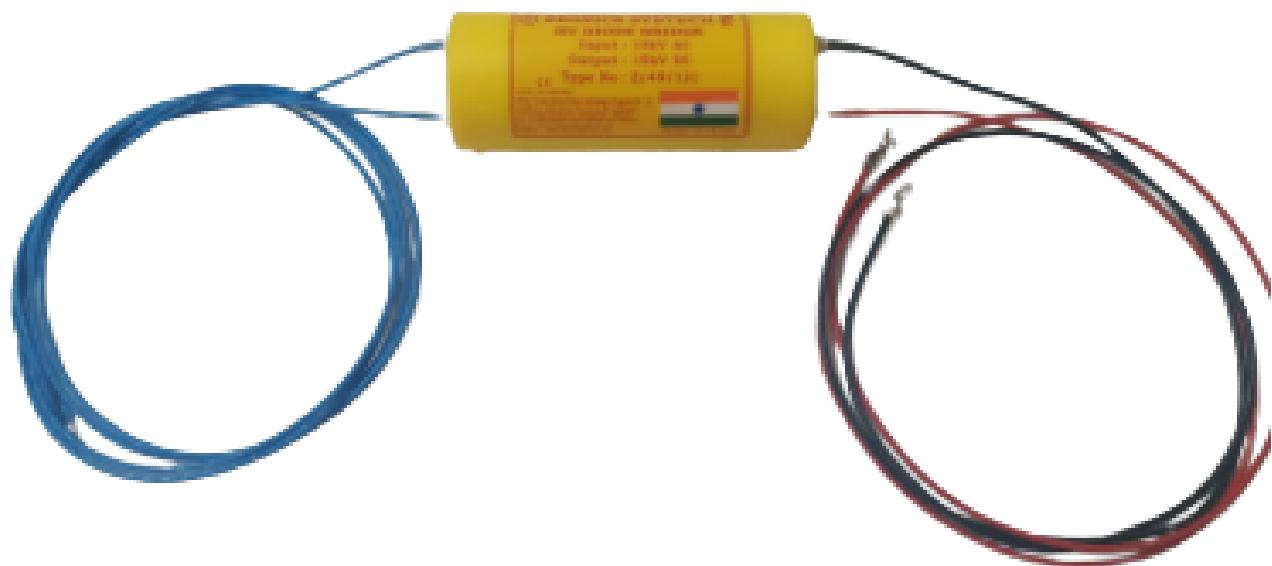


Z/51/163



Z/40/25

# BRIDGE RECTIFIER



## Cylindrical High Voltage Bridge Rectifier

<b>Input</b>	10kV AC rms
<b>Output</b>	14kV DC
<b>Max Current</b>	500mA
<b>Diameter</b>	55mm
<b>Length</b>	140mm
<b>Temperature</b>	-20°C to 150°C
<b>Leakage Current</b>	Max
<b>Weight</b>	550 Grams
<b>Casing</b>	Peek/Delrin
<b>Wire</b>	FEP Wire
<b>Type No</b>	Z/49/131