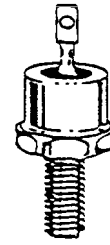


## FEATURES

- Metallic DO-5 – Transient Suppressor
- 5000 Watt surge @ 1 mS
- Operating Temp. -55° C to +175° C
- Excellent Clamping capability
- Response time, 1.0pS from OV to BV min typically



## Electrical Characteristics @ 25°C

Part Number	Vz 5% Tolerance	Iz A	Rz Ohms		Max. IR @ mA	VR Volts
			Typ.	Max.		
BZY91C8.2	7.7-8.7	5	0.06	0.3	5.0	5.6
BZY91C9.1	8.5-9.6	2	0.08	0.4	5.0	6.2
BZY91C10	9.4-10.6	2	0.08	0.4	1.0	6.8
BZY91C11	10.4-11.6	2	0.08	0.4	1.0	7.5
BZY91C12	11.4-12.7	2	0.10	0.5	1.0	8.2
BZY91C13	12.4-14.1	2	0.10	0.5	1.0	9.1
BZY91C15	13.8-15.6	2	0.12	0.6	1.0	10.0
BZY91C16	15.3-11.1	2	0.12	0.6	1.0	11.0
BZY91C18	16.8-19.1	2	0.14	0.7	1.0	12.0
BZY91C20	18.8-21.2	1	0.16	0.8	1.0	13.0
BZY91C22	20.8-23.3	1	0.16	0.8	1.0	15.0
BZY91C24	22.7-25.9	1	0.18	0.9	1.0	16.0
BZY91C27	25.1-28.9	1	0.20	1.0	1.0	18.0
BZY91C30	28.0-32.0	1	0.22	1.1	1.0	20.0
BZY91C33	31.0-35.0	1	0.24	1.2	1.0	22.0
BZY91C36	34.0-38.0	1	0.26	1.3	1.0	24.0
BZY91C39	37.0-41.0	0.5	0.28	1.4	1.0	27.0
BZY91C43	40.4-46.0	0.5	0.30	1.5	1.0	30.0
BZY91C47	44.0-50.0	0.5	0.34	1.7	1.0	33.0
BZY91C51	48.0-54.0	0.5	0.36	1.8	1.0	36.0
BZY91C56	52.0-60.0	0.5	0.40	2.0	1.0	39.0
BZY91C62	58.0-66.0	0.5	0.44	2.2	1.0	43.0
BZY91C68	64.0-72.0	0.5	0.48	2.4	1.0	47.0
BZY91C75	70.0-79.0	0.5	0.51	2.6	1.0	51.0

- Forward Voltage 1.5 Volts max at IF 10 Amps
- Vz measured with pulse 5100 uS
- Rz measured with DC+10% superimposed AC @ 1 KHZ
- Standard Polarity is Cathode Stud. Use R suffix to denote Anode Stud
- Bi-Polar devices also available
- Metallic Metal to glass hermetically sealed DO-5 ¼-28 UNF package