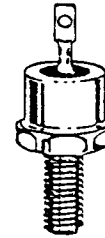


FEATURES

- Metallic D04 – Transient Suppressor
- 1500 Watt Surge @ 1 mS
- Steady state Power Disipation 25 Watts, Tc = 25°C
- Fast Response - typically <1 pS from 0 to BV min.
- Operating temperature: -55°C to +175°C



Electrical Characteristics @ 25°C

Part Number	Vz 5% Tolerance	Iz A	Rz Ohms		Max. IR @ mA	VR Volts	Temp Coef. %/°C Typ
			Typ.	Max.			
BZY93C6V8	6.4-7.2	2.0	.05	0.2	0.2	4.7	+0.04
BZY93C7V5	7.0-7.9	2.0	.05	0.3	0.2	5.1	+0.05
BZY93C8V2	7.7-8.7	2.0	.05	0.5	0.1	5.6	+0.06
BZY93C9V1	8.5-9.6	1.0	.07	0.5	0.05	6.2	+0.065
BZY93C10	9.4-10.6	1.0	.10	1.0	0.05	6.8	+0.07
BZY93C11	10.4-11.6	1.0	.10	1.0	0.05	7.5	+0.07
BZY93C12	11.4-12.7	1.0	.10	1.0	0.05	8.2	+0.075
BZY93C13	12.4-14.1	1.0	.10	1.0	0.05	9.1	+0.075
BZY93C15	13.8-15.6	1.0	.10	1.2	0.05	10.0	+0.08
BZY93C16	15.3-17.1	0.5	.20	1.5	0.05	11.0	+0.08
BZY93C18	16.8-19.1	0.5	.20	1.5	0.05	12.0	+0.08
BZY93C20	18.8-21.2	0.5	.20	1.5	0.05	13.0	+0.085
BZY93C22	20.8-23.3	0.5	.20	2.0	0.05	15.0	+0.09
BZY93C24	22.7-25.9	0.5	.22	2.0	0.05	16.0	+0.09
BZY93C27	25.1-28.9	0.5	.25	2.0	0.05	18.0	+0.095
BZY93C30	28.0-32.0	0.5	.30	3.0	0.05	20.0	+0.095
BZY93C33	31.0-35.0	0.5	.80	4.0	0.05	22.0	+0.10
BZY93C36	34.0-38.0	0.2	.85	5.0	0.05	24.0	+0.10
BZY93C39	37.0- 41.0	0.2	.90	6.5	0.05	27.0	+0.10
BZY93C43	40.0-46.0	0.2	1.0	7.0	0.05	30.0	+0.105
BZY93C47	44.0-50.0	0.2	1.0	7.5	0.05	33.0	+0.105
BZY93C51	48.0-54.0	0.2	1.2	8.0	0.05	36.0	+0.105
BZY93C56	52.0-60.0	0.2	1.3	9.0	0.05	39.0	+0.105
BZY93C62	58.0-66.0	0.2	1.5	10.0	0.05	43.0	+0.11
BZY93C68	64.0-72.0	0.2	1.8	11.0	0.05	47.0	+0.11
BZY93C75	70.0-79.0	0.2	2.0	15.0	0.05	51.0	+0.11

- Forward Voltage 1.5 Volts max at IF 5 Amps
- Vz measured with pulse 100 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 Hermetically sealed DO-4 10-32 UNF package