

BZY97-C7V5 THRU BZY97-C200

1.5WATT AXIAL LEAD SILICON ZENER DIODES

DO-15

TYPE	Zener Voltage Range Vz at IZT	Maximum Zener Impedance Zzt at IZT	Typical Temperature Coefficient at IZT	Test Current IZT	Min.Reverse Voltage at IR 1uA VR
	V	Ω	$\% / ^\circ C$	mA	V
BZY97-C7V5	7.0-7.9	2	0.035	100	3.5
BZY97-C8V2	7.7-8.7	2	0.05	100	3.5
BZY97-C9V1	8.5-9.6	4	0.055	50	3.5
BZY97-C10	9.4-10.6	4	0.070	50	5.0
BZY97-C11	10.4-11.6	7	0.075	50	5.0
BZY97-C12	11.4-12.7	7	0.075	50	7.0
BZY97-C13	12.4-14.1	10	0.075	50	7.0
BZY97-C15	13.8-15.8	10	0.075	50	10
BZY97-C16	15.3-17.1	15	0.085	25	10
BZY97-C18	16.8-19.1	15	0.085	25	10
BZY97-C20	18.8-21.2	15	0.085	25	10
BZY97-C22	20.8-23.3	15	0.085	25	12
BZY97-C24	22.8-25.6	15	0.085	25	12
BZY97-C27	25.1-28.9	15	0.085	25	14
BZY97-C30	28-32	15	0.085	25	14
BZY97-C33	31-35	15	0.085	25	17
BZY97-C36	34-38	40	0.085	10	17
BZY97-C39	37-41	40	0.085	10	20
BZY97-C43	40-46	45	0.095	10	20
BZY97-C47	44-50	45	0.095	10	24
BZY97-C51	48-54	60	0.095	10	24
BZY97-C56	52-60	60	0.095	10	28
BZY97-C62	58-66	80	0.105	10	28
BZY97-C68	64-72	80	0.105	10	34
BZY97-C75	70-79	100	0.105	10	34
BZY97-C82	77-88	100	0.105	10	41
BZY97-C91	85-96	200	0.11	5	41
BZY97-C100	94-106	200	0.11	5	50
BZY97-C110	104-116	250	0.11	5	50
BZY97-C120	114-127	250	0.11	5	60
BZY97-C130	124-141	300	0.11	5	60
BZY97-C150	138-156	300	0.11	5	75
BZY97-C160	153-171	350	0.11	5	75
BZY97-C180	168-191	350	0.11	5	90
BZY97-C200	188-212	350	0.11	5	90

STANDARD VOLTAGE TOLERANCE IS 5% OTHER TOLERANCES AND NON-STANDARD ZENER VOLTAGES UPON REQUEST.

(1) TESTED WITH PULSES.

PULSE TEST : $t_P \leq 50 \text{ ms}$; $\delta < 2\%$

