

## Zener Diodes, 1.5 W.

The plastic material carries U L recognition 94V-O.

**BZY97 Series. Zener Diodes in Plastic Case: DO-16 ( $T_A = 25^\circ\text{C}$ ). Outline: 2**

Type	Zener (1) Voltage Range $V_Z$ at $I_{ZT}$	Maximum Zener Impedance $Z_{ZT}$ at $I_{ZT}$	Typical Temperature Coefficient at $I_{ZT}$	Test Current $I_{ZT}$	Min. Reverse Voltage at $I_R = 1\mu\text{A}$ $V_R$
	(V)	( $\Omega$ )	(%/°C)	(mA)	(V)
BZY97-C7V5	7.0-7.9	2	+ 0.035	100	2.0
BZY97-C8V2	7.7-8.7	2	+ 0.055	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

Other Tolerances and Non-Standard Zener Voltages Upon Request.

(1) Tested with pulses.  
Pulse test:  $t_p \leq 50\text{ ms}$ ;  $\delta < 2\%$ .