

Zener diodes. 2 W.

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

ZY Series. Zener Diodes in Plastic Case: DO-15 ($T_A = 25^\circ\text{C}$). 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	Min. Reverse Current at 45°C I_{ZM}
	(V)	(Ω)	$\%/^\circ\text{C}$	mA	(V)	mA
ZY1 ⁽²⁾	0.71-0.82	0.5	- 0.002	100	-	1000
ZY7,5	7.0-7.9	2	+ 0.035	100	2.0	200
ZY8,2	7.7-8.7	2	+ 0.055	100	3.5	180
ZY9,1	8.5-9.6	4	+ 0.055	50	3.5	165
ZY10	9.4-10.6	4	+ 0.070	50	5.0	145
ZY11	10.4-11.6	7	+ 0.075	50	5.0	135
ZY12	11.4-12.7	7	+ 0.075	50	7.0	120
ZY13	12.4-14.1	10	+ 0.075	50	7.0	110
ZY15	13.8-15.8	10	+ 0.075	50	10	98
ZY16	15.3-17.1	15	+ 0.085	25	10	90
ZY18	16.8-19.1	15	+ 0.085	25	10	80
ZY20	18.8-21.2	15	+ 0.085	25	10	72
ZY22	20.8-23.3	15	+ 0.085	25	12	66
ZY24	22.8-25.6	15	+ 0.085	25	12	60
ZY27	25.1-28.9	15	+ 0.085	25	14	53
ZY30	28-32	15	+ 0.085	25	14	48
ZY33	31-35	15	+ 0.085	25	17	44
ZY36	34-38	40	+ 0.085	10	17	40
ZY39	37-41	40	+ 0.085	10	20	37
ZY43	40-46	45	+ 0.095	10	20	33
ZY47	44-50	45	+ 0.095	10	24	30
ZY51	48-54	60	+ 0.095	10	24	27
ZY56	52-60	60	+ 0.095	10	28	25
ZY62	58-66	80	+ 0.105	10	28	21
ZY68	64-72	80	+ 0.105	10	34	20
ZY75	70-79	100	+ 0.105	10	34	18
ZY82	77-88	100	+ 0.105	10	41	16
ZY91	85-96	200	+ 0.11	5	41	15
ZY100	94-106	200	+ 0.11	5	50	13
ZY110	104-116	250	+ 0.11	5	50	12
ZY120	114-127	250	+ 0.11	5	60	11
ZY130	124-141	300	+ 0.11	5	60	10
ZY150	138-156	300	+ 0.11	5	75	9
ZY160	153-171	350	+ 0.11	5	75	8.5
ZY180	168-191	350	+ 0.11	5	90	8.0
ZY200	188-212	350	+ 0.11	5	90	7.5

Other Tolerances and Non-Standard Zener Voltages Upon Request.

(1) Tested with pulses.

Pulse test: $t_p \leq 50\text{ ms}$; $\delta < 2\%$.

(2) ZY1 is a diode operating in forward sense. Connect the cathode terminal to the negative pole.