



SOD64

Zener- and Suppressor Diodes (continued)

Part Number	Electrical Characteristics											Package
	V _Z	r _{Zj} and TK _{VZ} at I _Z			I _R at V _R		V _(CL,R) ¹⁾ at I _{RSM}		I _R at V _R ²⁾			
	± 10%	Ω	Ω				Clamping		Stand off			
	V	Typ	Max.	%/K	mA	μA	V	V	A	μA	V	
Z- and Suppressor Diodes P_{Vmax} = 6 W, P(BR)S = 1000 W, t_p = 100 μs, 10%												
BZW03/D6V8	6.8	0.7	1.5	0 to 0.07	175	< 2000	4.8	< 10.6	48.5	< 4000	5.3	SOD64
BZW03/D7V5	7.5	0.7	1.5	0 to 0.07	175	< 1500	5.3	< 11.7	44.2	< 3000	5.8	SOD64
BZW03/D8V2	8.2	0.8	1.5	0.03 to 0.08	150	< 1200	5.8	< 12.6	40.6	< 2400	6.5	SOD64
BZW03/D9V1	9.1	0.9	2	0.03 to 0.08	150	< 40	6.5	< 13.6	37.6	< 100	7.1	SOD64
BZW03/D10	10	1	2	0.05 to 0.09	125	< 20	7.1	< 15.2	34	< 40	7.9	SOD64
BZW03/D11	11	1.1	2.5	0.05 to 0.10	125	< 15	7.9	< 16.2	31.8	< 30	8.6	SOD64
BZW03/D12	12	1.1	2.5	0.05 to 0.10	100	< 10	8.6	< 17.5	29.4	< 20	9.3	SOD64
BZW03/D13	13	1.2	2.5	0.05 to 0.10	100	< 4	9.3	< 19.1	26.4	< 10	10.6	SOD64
BZW03/D15	15	1.2	2.5	0.05 to 0.10	75	< 2	10.6	< 21.8	23.9	< 10	11.6	SOD64
BZW03/D16	16	1.3	2.5	0.06 to 0.11	75	< 2	11.6	< 23.4	21.8	< 10	12.6	SOD64
BZW03/D18	18	1.3	2.5	0.06 to 0.11	65	< 2	12.6	< 26.3	19.5	< 10	14.4	SOD64
BZW03/D20	20	1.5	3.0	0.06 to 0.11	65	< 2	14.4	< 29.2	17.6	< 10	15.8	SOD64
BZW03/D22	22	1.6	3.5	0.06 to 0.11	50	< 2	15.8	< 32	16.1	< 10	17.2	SOD64
BZW03/D24	24	1.8	3.5	0.06 to 0.11	50	< 2	17.2	< 34.6	14.8	< 10	19.4	SOD64
BZW03/D27	27	2.5	5	0.06 to 0.11	50	< 2	19.4	< 39	13.1	< 10	21.5	SOD64
BZW03/D30	30	4	8	0.06 to 0.11	40	< 2	21.5	< 43.2	11.8	< 10	23.5	SOD64
BZW03/D33	33	5	10	0.06 to 0.11	40	< 2	23.5	< 47	10.8	< 10	25.8	SOD64
BZW03/D36	36	6	11	0.06 to 0.11	30	< 2	25.8	< 51.7	10	< 10	28	SOD64
BZW03/D39	39	7	14	0.06 to 0.11	30	< 2	28	< 56	9.2	< 10	31	SOD64
BZW03/D43	43	10	20	0.07 to 0.12	30	< 2	31	< 62	8.2	< 10	33.5	SOD64
BZW03/D47	47	12	25	0.07 to 0.12	25	< 2	33.5	< 66.7	7.6	< 10	36.5	SOD64
BZW03/D51	51	14	27	0.07 to 0.12	25	< 2	36.5	< 73	7.0	< 10	40	SOD64
BZW03/D56	56	18	35	0.07 to 0.12	20	< 2	40	< 80.2	6.3	< 10	44.5	SOD64
BZW03/D62	62	20	42	0.08 to 0.13	20	< 2	44.5	< 88.7	5.8	< 10	49	SOD64
BZW03/D68	68	22	44	0.08 to 0.13	20	< 2	49	< 97.2	5.3	< 10	54	SOD64
BZW03/D75	75	25	45	0.08 to 0.13	20	< 2	54	< 107	4.8	< 10	59	SOD64
BZW03/D82	82	30	65	0.08 to 0.13	15	< 2	59	< 117	4.3	< 10	65	SOD64
BZW03/D91	91	40	75	0.09 to 0.13	15	< 2	65	< 130	3.9	< 10	71	SOD64
BZW03/D100	100	45	90	0.09 to 0.13	12	< 2	71	< 143	3.6	< 10	79	SOD64
BZW03/D110	110	65	125	0.09 to 0.13	12	< 2	79	< 157	3.3	< 10	86	SOD64
BZW03/D120	120	90	170	0.09 to 0.13	10	< 2	86	< 172	3.0	< 10	93	SOD64
BZW03/D130	130	100	190	0.09 to 0.13	10	< 2	93	< 187	2.7	< 10	106	SOD64
BZW03/D150	150	150	330	0.09 to 0.13	8	< 2	106	< 213	2.4	< 10	116	SOD64
BZW03/D160	160	180	350	0.09 to 0.13	8	< 2	116	< 229	2.2	< 10	126	SOD64
BZW03/D180	180	210	430	0.09 to 0.13	5	< 2	126	< 256	2.0	< 10	144	SOD64
BZW03/D200	200	250	500	0.09 to 0.13	5	< 2	144	< 284	1.8	< 10	158	SOD64
BZW03/D220	220	350	700	0.09 to 0.13	5	< 2	158	< 314	1.6	< 10	172	SOD64
BZW03/D240	240	450	900	0.09 to 0.13	5	< 2	172	< 344	1.5	< 10	194	SOD64
BZW03/D270	270	600	1200	0.09 to 0.13	5	< 2	194	< 388	1.3	< 10	215	SOD64

1) 10/1000exp. falling pulse t_p = 1000 μs to 50%.

2) Stand-off voltage = recommended supply voltage.