

SILICON DIODES

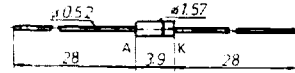
ZENER



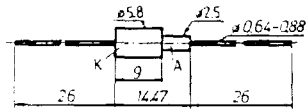
0.5W @ T<sub>A</sub>=25°C ZENER DIODES

Case DO-35

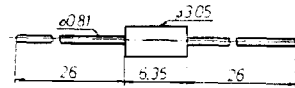
TYPE	V <sub>Z</sub> @	I <sub>ZT</sub>	r <sub>ZT</sub>	I <sub>ZM</sub>	TEMP. COEFF.
	min.-max. (V)		max. ohms		
DZ 2V7	2.5- 2.9	5	83	160	-9/-4
DZ 3	2.8- 3.2	5	95	140	-9/-3
DZ 3V3	3.1- 3.5	5	95	130	-8/-3
DZ 3V6	3.4- 3.8	5	95	120	-8/-3
DZ 3V9	3.7- 4.1	5	95	110	-7/-3
DZ 4V3	4.0- 4.6	5	95	100	-6/-1
DZ 4V7	4.4- 5.0	5	79	90	-5/+2
DZ 5V1	4.8- 5.0	5	60	80	-3/+4
DZ 5V6	5.2- 6.0	5	40	70	-2/+6
DZ 6V2	5.8- 6.6	5	10	64	-1/+7
DZ 6V8	6.4- 7.2	5	8	58	2/ 7
DZ 7V5	7.0- 7.9	5	7	53	3/ 7
DZ 8V2	7.7- 8.7	5	7	47	4/ 7
DZ 9V1	8.5- 9.6	5	10	43	5/ 8
DZ 10	9.4-10.6	5	15	40	5/ 8
DZ 11	10.4-11.6	5	20	36	5/ 9
DZ 12	11.4-12.7	5	20	32	6/ 9
DZ 13	12.4-14.1	5	35	29	7/ 9
DZ 15	13.8-15.6	5	30	27	7/ 9
DZ 16	15.3-17.1	5	40	24	8/9.5
DZ 18	16.8-19.1	5	50	21	8/9.5
DZ 20	18.8-21.2	5	50	20	8/10
DZ 22	20.8-23.3	5	55	18	8/10
DZ 24	22.8-25.6	5	80	16	8/10
DZ 27	25.1-28.9	5	80	14	8/10
DZ 30	28 - 32	5	80	13	8/10
DZ 33	31 - 35	5	80	12	8/10
DZ 36	34 - 38	5	90	11	8/10
DZ 39	37 - 41	5	90	10	10/12
DZ 43	40 - 46	5	100	9	10/12
DZ 47	44 - 50	5	100	8	10/12
DZ 51	48 - 54	5	100	8	10/12



CASE : DO-35



CASE : DO-13



CASE : F-126 (White band near K.)

1.0W @ T<sub>A</sub>=25°C ZENER DIODES

Case F-126

TYPE	V <sub>Z</sub> @	I <sub>ZT</sub>	r <sub>ZT</sub>	I <sub>ZM</sub>	TEMP. COEFF.
	min.-max. (V)		max. ohms		
PL 2V7Z	2.5- 2.9	80	12	-	-
PL 3Z	2.8- 3.2	80	12	-	-
PL 3V3Z	3.1- 3.5	80	10	285	-6
PL 3V6Z	3.4- 3.8	80	10	260	-5.5
PL 3V9Z	3.7- 4.1	80	7	240	-5
PL 4V3Z	4.0- 4.6	80	7	215	-4
PL 4V7Z	4.4- 5.0	80	7	200	-2
PL 5V1Z	4.8- 5.4	80	5	185	1
PL 5V6Z	5.2- 6.0	30	2	165	2.5
PL 6V2Z	5.8- 6.6	30	2	150	3.2
PL 6V8Z	6.4- 7.2	80	2	140	4
PL 7V5Z	7.0- 7.9	50	2	130	4.5
PL 8V2Z	7.7- 8.7	50	2	110	4.9
PL 9V1Z	8.5- 9.6	50	2	100	5.1
PL 10Z	9.4-10.6	50	4	94	5.5
PL 11Z	10.4-11.6	50	7	36	6
PL 12Z	11.4-12.7	50	7	79	6.5
PL 13Z	12.4-14.1	50	10	71	6.5
PL 15Z	13.8-15.6	50	10	64	7
PL 16Z	15.3-17.1	25	15	59	7
PL 18Z	16.8-19.1	25	15	52	7.5
PL 20Z	18.8-21.2	25	15	47	7.5
PL 22Z	20.8-23.3	25	15	43	8
PL 24Z	22.8-25.6	25	15	39	8
PL 27Z	25.1-28.9	25	15	35	8.5
PL 30Z	28 - 32	25	15	31	8.5
PL 33Z	31 - 35	25	15	29	8.5
PL 36Z	34 - 38	10	40	26	8.5
PL 39Z	37 - 41	10	40	24	9
PL 43Z	40 - 46	10	45	22	9
PL 47Z	44 - 50	10	45	20	9
PL 51Z	44 - 54	10	60	19	9
PL 56Z	52 - 60	10	60	17	9
PL 62Z	58 - 66	10	80	15	9
PL 68Z	64 - 72	10	80	14	9
PL 75Z	70 - 79	10	100	13	9
PL 82Z	77 - 87	10	100	12	9
PL 91Z	85 - 96	5	200	10	9
PL 100Z	94 - 106	5	200	9.4	9.5
PL 110Z	104 - 116	5	250	8.6	9.5
PL 120Z	114 - 127	5	250	7.8	9.5
PL 130Z	124 - 141	5	300	7	9.5
PL 150Z	138 - 156	5	300	6.4	9.5
PL 160Z	153 - 171	5	350	5.8	9.5
PL 180Z	168 - 191	5	350	5.3	9.5
PL 200Z	188 - 212	5	350	5	10

1.0W @ T<sub>A</sub>=25°C ZENER DIODES

Case DO-13

1N 3016B	6.4- 7.2	37	3.5	140	2/ 6
1N 3017B	7.0- 7.9	34	4	130	3/ 7
1N 3018B	7.7- 8.7	31	4.5	110	3.5/7.5
1N 3019B	8.5- 9.6	28	5	100	4/ 8
1N 3020B	9.4-10.6	25	7	94	4/ 9
1N 3021B	10.4-11.6	23	8	86	4/ 9
1N 3022B	11.4-12.7	21	9	79	4/ 9
1N 3023B	12.4-14.1	19	10	71	4/ 9
1N 3024B	13.8-15.6	17	14	64	5/ 9
1N 3025B	15.3-17.1	15.5	16	59	5/ 9
1N 3026B	16.8-19.1	14	20	52	5/ 9
1N 3027B	18.8-21.2	12.5	22	47	5/ 9
1N 3028B	20.8-23.3	11.5	23	43	5/ 9
1N 3029B	22.8-25.6	10.5	25	39	5/ 9
1N 3030B	25.1-28.9	9.5	35	35	5/ 9
1N 3031B	28 - 32	8.5	40	31	5/ 9
1N 3032B	31 - 35	7.5	45	29	5/ 9
1N 3033B	34 - 38	7	50	26	6/10
1N 3034B	37 - 41	6.5	60	24	6/10
1N 3035B	40 - 46	6	70	22	6/10
1N 3036B	44 - 50	5.5	80	20	8/10
1N 3037B	48 - 54	5	95	19	8/10
1N 3038B	52 - 60	4.5	110	17	9/10
1N 3039B	58 - 66	4	125	15	9/10
1N 3040B	64 - 72	3.7	150	14	9/10
1N 3041B	70 - 79	3.3	175	13	9/10
1N 3042B	77 - 87	3	200	12	9/10
1N 3043B	85 - 96	2.8	250	10	9/10
1N 3044B	94 - 106	2.5	350	9.4	9/10
1N 3045B	104 - 116	2.3	450	8.6	9/11
1N 3046B	114 - 127	2	550	7.8	9/11
1N 3047B	124 - 141	1.9	700	7	9/11
1N 3048B	138 - 156	1.7	1.0k	6.4	9/11
1N 3049B	153 - 171	1.6	1.1k	5.8	9/11
1N 3050B	168 - 191	1.4	1.2k	5.2	10/11
1N 3051B	188 - 212	1.2	1.5k	4.7	10/11