

TEMPERATURE COMPENSATED ZENER REFERENCE DIODES, HIGH VOLTAGE

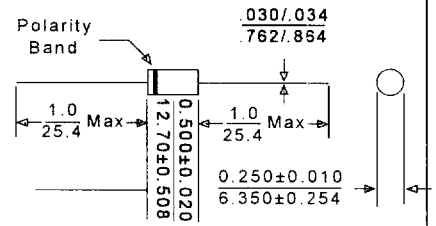
JEDEC Part Number	Nominal Zener Voltage at I_z	Zener Test Current	Maximum Dynamic Impedance at I_z	Maximum Temperature Coefficient -55 to +25 to +100 °C		Case Type Letter
	V_z (Volts)	I_z (mA)	Z_{zt} (Ohms)	$\pm\%/^{\circ}\text{C}$	$\text{mV}/^{\circ}\text{C}$	
1N4057	12.4	10	25	.005	0.62	A
1N4057A	12.4	10	25	.002	0.25	A
1N4058	14.6	10	30	.005	0.73	A
1N4058A	14.6	10	30	.002	0.29	A
1N4059	16.8	10	30	.005	0.84	A
1N4059A	16.8	10	30	.002	0.34	A
1N4060	18.5	10	30	.005	0.92	A
1N4060A	18.5	10	30	.002	0.37	A
1N4061	21	10	35	.005	1.05	A
1N4061A	21	10	35	.002	0.42	A
1N4062	23	10	40	.005	1.15	A
1N4062A	23	10	40	.002	0.46	A
1N4063	27	10	45	.005	1.35	A
1N4063A	27	10	45	.002	0.54	A
1N4064	30	10	50	.005	1.50	A
1N4064A	30	10	50	.002	0.60	A
1N4065	33	10	55	.005	1.65	A
1N4065A	33	10	55	.002	0.66	A
1N4066	37	7.5	80	.005	1.85	A
1N4066A	37	7.5	80	.002	0.84	A
1N4067	43	7.5	90	.005	2.15	A
1N4067A	43	7.5	90	.002	0.86	A
1N4068	47	7.5	100	.005	2.35	A
1N4068A	47	7.5	100	.002	0.94	A
1N4069	51	7.5	110	.005	2.55	B
1N4069A	51	7.5	110	.002	1.02	B
1N4070	57	7.5	120	.005	2.80	B
1N4070A	57	7.5	120	.002	1.12	B
1N4071	62	7.5	135	.005	3.10	B
1N4071A	62	7.5	135	.002	1.24	B
1N4072	68	5.0	230	.005	3.40	B
1N4072A	68	5.0	230	.002	1.36	B
1N4073	75	5.0	250	.005	3.75	B
1N4073A	75	5.0	250	.002	1.50	B
1N4074	82	5.0	270	.005	4.10	B
1N4074A	82	5.0	270	.002	1.64	B
1N4075	87	5.0	290	.005	4.35	B
1N4075A	87	5.0	290	.002	1.74	B
1N4076	91	5.0	310	.005	4.55	B
1N4076A	91	5.0	310	.002	1.82	B
1N4077	100	5.0	340	.005	5.00	B
1N4077A	100	5.0	340	.002	2.00	B
1N4078	105	2.5	700	.005	5.25	B
1N4078A	105	2.5	700	.002	2.10	B
1N4079	110	2.5	740	.005	5.50	B
1N4079A	110	2.5	740	.002	2.20	B
1N4080	120	2.5	800	.005	6.00	B
1N4080A	120	2.5	800	.002	2.40	B
1N4081	130	2.5	840	.005	6.50	C
1N4081A	130	2.5	840	.002	2.60	C
1N4082	140	2.5	960	.005	7.00	C
1N4082A	140	2.5	960	.002	2.80	C
1N4083	150	2.5	1020	.005	7.50	C
1N4083A	150	2.5	1020	.002	3.00	C
1N4084	175	2.5	1150	.005	8.75	C
1N4084A	175	2.5	1150	.002	3.50	C
1N4085	200	2.5	1350	.005	10.00	C
1N4085A	200	2.5	1350	.002	4.00	C

MAXIMUM RATINGS

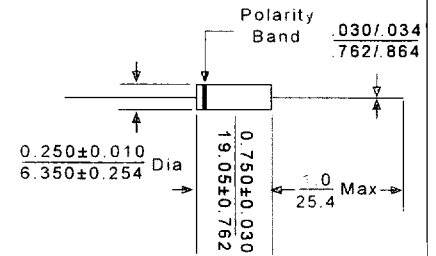
DC Power Dissipation:
 Case A = 1.5 Watts
 Case B = 2.0 Watts
 Case C = 2.5 Watts

Derate Linearly to Zero from
 +25°C to +150°C

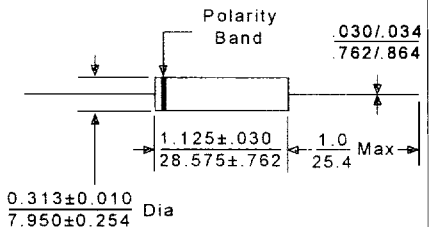
CASE A



CASE B



CASE B



MECHANICAL CHARACTERISTICS

FINISH: All external surfaces are corrosion resistant and leads are solderable

MOUNTING POSITION: Any

* JEDEC Registered Data.