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1N4057 thru 1N4085A

FEATURES

- **ZENER VOLTAGE 12.4V to 200V**
- **TEMPERATURE COEFFICIENT RANGE: 0.005%/°C to 0.002%/°C**

*MAXIMUM RATINGS

See Electrical Characteristics Below
DC Power Dissipation: Case CC: 1.5W
At 25°C derate Case DD: 2W
Linearly to Zero Case EE: 2.5W
at +150°C

*ELECTRICAL CHARACTERISTICS @ 25°C, unless otherwise specified

JEDEC TYPE NUMBER	ZENER VOLTAGE V_z @ I_{zt} VOLTS (±5%) (See Note 1)	ZENER TEST CURRENT (I_{zt}) MA	MAXIMUM DYNAMICS IMPEDANCE @ (I_{zt}) OHMS	MAXIMUM TEMPERATURE COEFFICIENT (See Note 2) %/°C	MAXIMUM TEMPERATURE COEFFICIENT (See Note 2) mV/°C	TEMPERATURE RANGE °C	CASE TYPE NO.
1N4057	12.4	10.0	25	.005	.62	-55 to +25 to +100	CC
1N4057A	12.4	10.0	25	.002	.25	-55 to +25 to +100	CC
1N4058	14.6	10.0	30	.005	.73	-55 to +25 to +100	CC
1N4058A	14.6	10.0	30	.002	.29	-55 to +25 to +100	CC
1N4059	16.8	10.0	30	.005	.84	-55 to +25 to +100	CC
1N4059A	16.8	10.0	30	.002	.34	-55 to +25 to +100	CC
1N4060	18.5	10.0	30	.005	.92	-55 to +25 to +100	CC
1N4060A	18.5	10.0	30	.002	.37	-55 to +25 to +100	CC
1N4061	21	10.0	35	.005	1.05	-55 to +25 to +100	CC
1N4061A	21	10.0	35	.002	.42	-55 to +25 to +100	CC
1N4062	23	10.0	40	.005	1.15	-55 to +25 to +100	CC
1N4062A	23	10.0	40	.002	.46	-55 to +25 to +100	CC
1N4063	27	10.0	45	.005	1.35	-55 to +25 to +100	CC
1N4063A	27	10.0	45	.002	.54	-55 to +25 to +100	CC
1N4064	30	10.0	50	.005	1.50	-55 to +25 to +100	CC
1N4064A	30	10.0	50	.002	.60	-55 to +25 to +100	CC
1N4065	33	10.0	55	.005	1.65	-55 to +25 to +100	CC
1N4065A	33	10.0	55	.002	.66	-55 to +25 to +100	CC
1N4066	37	7.5	80	.005	1.85	-55 to +25 to +100	CC
1N4066A	37	7.5	80	.002	.74	-55 to +25 to +100	CC
1N4067	43	7.5	90	.005	2.15	-55 to +25 to +100	CC
1N4067A	43	7.5	90	.002	.86	-55 to +25 to +100	CC
1N4068	47	7.5	100	.005	2.35	-55 to +25 to +100	CC
1N4068A	47	7.5	100	.002	.94	-55 to +25 to +100	CC
1N4069	51	7.5	110	.005	2.55	-55 to +25 to +100	DD
1N4069A	51	7.5	110	.002	1.02	-55 to +25 to +100	DD
1N4070	56	7.5	120	.005	2.80	-55 to +25 to +100	DD
1N4070A	56	7.5	120	.002	1.12	-55 to +25 to +100	DD
1N4071	62	7.5	135	.005	3.10	-55 to +25 to +100	DD
1N4071A	62	7.5	135	.002	1.24	-55 to +25 to +100	DD
1N4072	68	5.0	230	.005	3.40	-55 to +25 to +100	DD
1N4072A	68	5.0	230	.002	1.36	-55 to +25 to +100	DD
1N4073	75	5.0	250	.005	3.75	-55 to +25 to +100	DD
1N4073A	75	5.0	250	.002	1.50	-55 to +25 to +100	DD
1N4074	82	5.0	270	.005	4.10	-55 to +25 to +100	DD
1N4074A	82	5.0	270	.002	1.64	-55 to +25 to +100	DD
1N4075	87	5.0	290	.005	4.35	-55 to +25 to +100	DD
1N4075A	87	5.0	290	.002	1.74	-55 to +25 to +100	DD
1N4076	91	5.0	310	.005	4.55	-55 to +25 to +100	DD
1N4076A	91	5.0	310	.002	1.82	-55 to +25 to +100	DD
1N4077	100	5.0	330	.005	5.00	-55 to +25 to +100	DD
1N4077A	100	5.0	330	.002	2.00	-55 to +25 to +100	DD
1N4078	105	2.5	700	.005	5.25	-55 to +25 to +100	DD
1N4078A	105	2.5	700	.002	2.10	-55 to +25 to +100	DD
1N4079	110	2.5	740	.005	5.50	-55 to +25 to +100	DD
1N4079A	110	2.5	740	.002	2.20	-55 to +25 to +100	DD
1N4080	120	2.5	800	.005	6.00	-55 to +25 to +100	DD
1N4080A	120	2.5	800	.002	2.40	-55 to +25 to +100	DD
1N4081	130	2.5	840	.005	6.50	-55 to +25 to +100	EE
1N4081A	130	2.5	840	.002	2.60	-55 to +25 to +100	EE
1N4082	140	2.5	960	.005	7.00	-55 to +25 to +100	EE
1N4082A	140	2.5	960	.002	2.80	-55 to +25 to +100	EE
1N4083	150	2.5	1020	.005	7.50	-55 to +25 to +100	EE
1N4083A	150	2.5	1020	.002	3.00	-55 to +25 to +100	EE
1N4084	175	2.5	1150	.005	8.75	-55 to +25 to +100	EE
1N4084A	175	2.5	1150	.002	3.50	-55 to +25 to +100	EE
1N4085	200	2.5	1350	.005	10.00	-55 to +25 to +100	EE
1N4085A	200	2.5	1350	.002	4.00	-55 to +25 to +100	EE



