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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 at I_Z VOLTS (±5%) (See Note 1)	ZENER TEST CURRENT (I _Z) MA	MAXIMUM DYNAMICS IMPEDANCE ω (I _Z) OHMS	MAXIMUM TEMPERATURE COEFFICIENT (See Note 2)		TEMPERATURE RANGE °C	CASE TYPE NO.
				% / °C	mV / °C		
1N4057	12.4	10.0	25	0.05	.62	55 to -25 to -100	CC
1N4057A	12.4	10.0	25	0.02	.25	55 to -25 to -100	CC
1N4058	14.6	10.0	30	0.05	.73	55 to -25 to -100	CC
1N4058A	14.6	10.0	30	0.02	.29	55 to -25 to -100	CC
1N4059	16.8	10.0	30	0.05	.84	55 to -25 to -100	CC
1N4059A	16.8	10.0	30	0.02	.34	55 to -25 to -100	CC
1N4060	18.5	10.0	30	0.05	.92	55 to -25 to -100	CC
1N4060A	18.5	10.0	30	0.02	.37	55 to -25 to -100	CC
1N4061	21	10.0	35	0.05	1.05	55 to -25 to -100	CC
1N4061A	21	10.0	35	0.02	.42	55 to -25 to -100	CC
1N4062	23	10.0	40	0.05	1.15	55 to -25 to -100	CC
1N4062A	23	10.0	40	0.02	.46	55 to -25 to -100	CC
1N4063	27	10.0	45	0.05	1.35	55 to -25 to -100	CC
1N4063A	27	10.0	45	0.02	.51	55 to -25 to -100	CC
1N4064	30	10.0	50	0.05	1.50	55 to -25 to -100	CC
1N4064A	30	10.0	50	0.02	.60	55 to -25 to -100	CC
1N4065	33	10.0	55	0.05	1.65	55 to -25 to -100	CC
1N4065A	33	10.0	55	0.02	.66	55 to -25 to -100	CC
1N4066	37	7.5	80	0.05	1.85	55 to -25 to -100	CC
1N4066A	37	7.5	80	0.02	.74	55 to -25 to -100	CC
1N4067	43	7.5	90	0.05	2.15	55 to -25 to -100	CC
1N4067A	43	7.5	90	0.02	.86	55 to -25 to -100	CC
1N4068	47	7.5	100	0.05	2.35	55 to -25 to -100	CC
1N4068A	47	7.5	100	0.02	.94	55 to -25 to -100	CC
1N4069	51	7.5	110	0.05	2.55	55 to -25 to -100	DD
1N4069A	51	7.5	110	0.02	1.02	55 to -25 to -100	DD
1N4070	56	7.5	120	0.05	2.80	55 to -25 to -100	DD
1N4070A	56	7.5	120	0.02	1.12	55 to -25 to -100	DD
1N4071	62	7.5	135	0.05	3.10	55 to -25 to -100	DD
1N4071A	62	7.5	135	0.02	1.24	55 to -25 to -100	DD
1N4072	68	5.0	210	0.05	3.40	55 to -25 to -100	DD
1N4072A	68	5.0	210	0.02	1.36	55 to -25 to -100	DD
1N4073	75	5.0	250	0.05	3.75	55 to -25 to -100	DD
1N4073A	75	5.0	250	0.02	1.50	55 to -25 to -100	DD
1N4074	82	5.0	270	0.05	4.10	55 to -25 to -100	DD
1N4074A	82	5.0	270	0.02	1.64	55 to -25 to -100	DD
1N4075	87	5.0	290	0.05	4.35	55 to -25 to -100	DD
1N4075A	87	5.0	290	0.02	1.74	55 to -25 to -100	DD
1N4076	91	5.0	310	0.05	4.55	55 to -25 to -100	DD
1N4076A	91	5.0	310	0.02	1.82	55 to -25 to -100	DD
1N4077	100	5.0	330	0.05	5.00	55 to -25 to -100	DD
1N4077A	100	5.0	330	0.02	2.00	55 to -25 to -100	DD
1N4078	105	2.5	700	0.05	5.25	55 to -25 to -100	DD
1N4078A	105	2.5	700	0.02	2.10	55 to -25 to -100	DD
1N4079	110	2.5	730	0.05	5.50	55 to -25 to -100	DD
1N4079A	110	2.5	730	0.02	2.20	55 to -25 to -100	DD
1N4080	120	2.5	800	0.05	6.00	55 to -25 to -100	DD
1N4080A	120	2.5	800	0.02	2.40	55 to -25 to -100	DD
1N4081	130	2.5	830	0.05	6.50	55 to -25 to -100	EE
1N4081A	130	2.5	830	0.02	2.60	55 to -25 to -100	EE
1N4082	140	2.5	960	0.05	7.00	55 to -25 to -100	EE
1N4082A	140	2.5	960	0.02	2.80	55 to -25 to -100	EE
1N4083	150	2.5	1020	0.05	7.50	55 to -25 to -100	EE
1N4083A	150	2.5	1020	0.02	3.00	55 to -25 to -100	EE
1N4084	175	2.5	1150	0.05	8.75	55 to -25 to -100	EE
1N4084A	175	2.5	1150	0.02	3.50	55 to -25 to -100	EE
1N4085	200	2.5	1350	0.05	10.00	55 to -25 to -100	EE
1N4085A	200	2.5	1350	0.02	4.00	55 to -25 to -100	EE

HIGH VOLTAGE
TEMPERATURE
COMPENSATED
ZENER DIODES

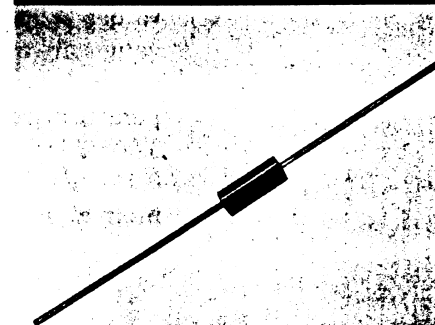


FIGURE 1
MECHANICAL CHARACTERISTICS
FINISH: All external surfaces are corrosion resistant and leads solderable.
MOUNTING POSITION: AA