

LEAD MOUNTED SILICON POWER RECTIFIERS

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (volts)	MAX. AVERAGE FORWARD CURRENT (amps)	AMBIENT TEMP. (°C)	MAX. FORWARD VOLTAGE (volts)	FORWARD CURRENT (amps)	REVERSE CURRENT (μA)	AMBIENT TEMP. (°C)	NOTES
1N316, A	Do-1	50	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N317, A	Do-1	100	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N318, A	Do-1	200	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N319, A	Do-1	350	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N320, A	Do-1	500	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N321, A	Do-1	850	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N322, A	Do-1	1000	.25 @ 100	100	1.5 @ .25	240 @ 100		100	1
1N323, A	Do-1	50	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N324, A	Do-1	100	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N325, A	Do-1	200	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N326, A	Do-1	350	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N327, A	Do-1	500	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N328, A	Do-1	850	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N329, A	Do-1	1000	.40 @ 100	100	1.5 @ .40	240 @ 100		100	1
1N359	Do-1	50	.15 @ 25	25	2 @ .20	250 @ 100		100	3
1N359A	Do-1	50	.15 @ 100	100	1.2 @ .5	1 @ 25		25	1
1N360	Do-1	100	.15 @ 25	25	2 @ .20	250 @ 100		100	3
1N360A	Do-1	100	.15 @ 100	100	1.2 @ .5	1 @ 25		25	1
1N361	Do-1	200	.15 @ 25	25	2 @ .20	250 @ 100		100	3
1N361A	Do-1	200	.15 @ 100	100	1.2 @ .5	1 @ 25		25	1
1N362	Do-1	350	.15 @ 25	25	2 @ .20	250 @ 100		100	3
1N362A	Do-1	350	.15 @ 100	100	1.2 @ .5	1 @ 25		25	1
1N363	Do-1	500	0.2 @ 25	25	2 @ 0.2	250 @ 100		100	3
1N363A	Do-1	500	0.2 @ 100	100	1.2 @ 0.5	2 @ 25		25	1
1N364	Do-1	850	0.1 @ 100	100	1.2 @ .30	60 @ 100		100	3
1N364A	Do-1	850	0.1 @ 125	125	1.2 @ .50	10 @ 25		25	1
1N365	Do-1	1000	0.1 @ 100	100	1.2 @ .30	60 @ 100		100	3
1N365A	Do-1	1000	0.1 @ 125	125	1.2 @ .50	10 @ 25		25	1
1N440	Do-1	100	0.3 @ 25	25	1.5 @ 0.3	0.3 @ 25		25	1
1N440B	Do-1	100	0.5 @ 100	100	1.5 @ 0.75	0.3 @ 25		25	1
1N441	Do-1	200	0.3 @ 25	25	1.5 @ 0.3	0.75 @ 25		25	1
1N441B	Do-1	200	0.5 @ 100	100	1.5 @ 0.75	0.75 @ 25		25	1
1N442	Do-1	300	0.3 @ 25	25	1.5 @ 0.3	1 @ 25		25	1
1N442B	Do-1	300	0.5 @ 100	100	1.5 @ 0.75	1 @ 25		25	1
1N443	Do-1	400	0.3 @ 25	25	1.5 @ 0.3	1.5 @ 25		25	1
1N443B	Do-1	400	0.5 @ 100	100	1.5 @ 0.75	1.5 @ 25		25	1
1N444	Do-1	500	0.3 @ 25	25	1.5 @ 0.3	1.75 @ 25		25	1
1N444B	Do-1	500	0.4 @ 100	100	1.5 @ 0.75	1.75 @ 25		25	1
1N445	Do-1	600	0.3 @ 25	25	1.5 @ 0.3	2 @ 25		25	1
1N445B	Do-1	600	0.4 @ 100	100	1.5 @ 0.75	2 @ 25		25	1
1N530	Do-1	100	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N531	Do-1	200	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N532	Do-1	300	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N533	Do-1	400	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N534	Do-1	500	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N535	Do-1	600	0.3 @ 100	100	1.5 @ 0.3	300 @ 25		25	1
1N536	Do-1	50	0.25 @ 150	150	1.1 @ 0.5	300 @ 150		150	3
1N537	Do-1	100	0.25 @ 150	150	1.1 @ 0.5	300 @ 150		150	3
1N538	Do-1	200	0.25 @ 150	150	1.1 @ 0.5	300 @ 150		150	3
1N539	Do-1	300	0.25 @ 150	150	1.1 @ 0.5	300 @ 150		150	3
1N540	Do-1	400	0.25 @ 150	150	1.1 @ 0.5	300 @ 150		150	3
1N547	Do-1	600	0.25 @ 150	150	1.2 @ 0.5	300 @ 150		150	3
1N560	Do-1	800	0.25 @ 100	100	1.3 @ 0.25	300 @ 100		100	3
1N561	Do-1	1000	0.25 @ 100	100	1.3 @ 0.25	300 @ 100		100	3

Notes: (3) I_A averaged over one cycle