

86 DE 3869720 0000317 6

LEAD MOUNTED SILICON POWER RECTIFIERS . . . cont'd

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (volts)	MAX. AVERAGE FORWARD CURRENT, I_F (amps)	AMBIENT TEMP. ($^{\circ}$ C)	FORWARD CURRENT (amps) MAX. FORWARD VOLTAGE (volts)	REVERSE CURRENT (μ A)	AMBIENT TEMP. ($^{\circ}$ C)	NOTES
1N599	Do-1	50	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N599A	Do-1	50	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N600	Do-1	100	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N600A	Do-1	100	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N601	Do-1	150	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N601A	Do-1	150	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N602	Do-1	200	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N602A	Do-1	200	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N603	Do-1	300	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N603A	Do-1	300	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N604	Do-1	400	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N604A	Do-1	400	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N605	Do-1	500	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N605A	Do-1	500	0.3 @ 100	1.5 @ 0.4	25 @ 25	1 @ 25	1	—
1N606	Do-1	600	0.3 @ 100	1.5 @ 0.2	25 @ 25	1 @ 25	1	—
1N606A	Do-1	600	0.3 @ 100	1.5 @ 0.4	300 @ 150	300 @ 150	3	3
1N1095	Do-1	500	0.25 @ 150	1.1 @ 500	300 @ 150	300 @ 150	3	3
1N1096	Do-1	600	0.25 @ 150	1.1 @ 500	300 @ 150	300 @ 150	3	3
1N1100	Do-1	100	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1101	Do-1	200	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1102	Do-1	300	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1103	Do-1	400	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1104	Do-1	500	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1105	Do-1	600	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1108	Do-1	800	0.25 @ 150	1.5 @ 0.75	300 @ 150	300 @ 150	3	3
1N1169A	Do-1	400	0.5 @ 100	1.1 @ 1	100 @ 25	500 @ 25	1	—
1N1217	Do-1	50	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1217A	Do-1	150	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1218	Do-1	100	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1218A	Do-1	100	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1219	Do-1	150	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1219A	Do-1	150	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1220	Do-1	200	0.6 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1220A	Do-1	200	0.6 @ 100	1.15 @ 1	500 @ 25	50 @ 25	1	—
1N1221	Do-1	300	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1221A	Do-1	300	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1222	Do-1	400	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1222A	Do-1	400	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1223	Do-1	500	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1223A	Do-1	500	0.5 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1224	Do-1	600	0.45 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1224A	Do-1	600	0.45 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1225	Do-1	700	0.45 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1225A	Do-1	700	0.45 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1226	Do-1	800	0.4 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1226A	Do-1	800	0.4 @ 100	1.15 @ 1	50 @ 25	500 @ 25	1	—
1N1251	Do-1	50	0.5 @ 25	1 @ 0.5	500 @ 125	500 @ 125	3	3
1N1252	Do-1	100	0.5 @ 25	1 @ 0.5	500 @ 125	500 @ 125	3	3
1N1253	Do-1	200	0.5 @ 25	1 @ 0.5	500 @ 125	500 @ 125	3	3
1N1254	Do-1	300	0.5 @ 25	1 @ 0.5	500 @ 125	500 @ 125	3	3
1N1255	Do-1	400	0.5 @ 25	1 @ 0.5	500 @ 125	500 @ 125	3	3
1N1256	Do-1	500	0.32 @ 25	1 @ 0.32	500 @ 125	500 @ 125	3	3
1N1257	Do-1	600	0.3 @ 25	1 @ 0.3	500 @ 125	500 @ 125	3	3
1N1258	Do-1	700	0.28 @ 25	1 @ 0.28	500 @ 125	500 @ 125	3	3

Notes: (3) I_A averaged over one cycle

LEAD MOUNTED SILICON POWER RECTIFIERS . . . cont'd

TYPE	CASE STYLE	MAX. PEAK REVERSE CURRENT (Amps)	MAX. AVERAGE FORWARD CURRENT (Amps)	AMBIENT TEMP. (°C)	FORWARD CURRENT (Amps) MAX. FORWARD VOLTAGE (Volts)	REVERSE CURRENT (Amps)	AMBIENT TEMP. (°C)	NOTES
1N1259	Do-1	800	0.27 @ 25	25	1 @ 0.27	500 @ 125	125	3
1N1260	Do-1	900	0.25 @ 25	25	1 @ 0.25	500 @ 125	125	3
1N1261	Do-1	1000	0.24 @ 25	25	1 @ 0.24	500 @ 125	125	3
1N1408	Do-1	600	0.125 @ 75	75	5 @ 1.2	10 @ 25	25	—
1N1407	Do-1	800	0.125 @ 75	75	5 @ 1.2	10 @ 25	25	—
1N1408	Do-1	1000	0.125 @ 75	75	5 @ 1.2	10 @ 25	25	—
1N1443	Do-1	1000	0.6 @ 100	100	1.15 @ 1	500 @ 25	25	—
1N1488	Do-1	500	0.78 @ 50	50	1.1 @ 0.5	20 @ 25	25	—
1N1487	Do-1	100	0.75 @ 25	25	0.55 @ 0.25	400 @ 125	125	3, 4
1N1488	Do-1	200	0.75 @ 25	25	0.55 @ 0.25	300 @ 125	125	3, 4
1N1489	Do-1	300	0.75 @ 25	25	0.55 @ 0.25	300 @ 25	25	3, 4
1N1490	Do-1	400	0.75 @ 25	25	0.55 @ 0.25	300 @ 25	25	3, 4
1N1491	Do-1	500	0.75 @ 25	25	0.55 @ 0.25	300 @ 25	25	3, 4
1N1492	Do-1	600	0.75 @ 25	25	0.55 @ 0.25	300 @ 25	25	3, 4
1N1556	Do-1	100	0.75 @ 100	100	1.4 @ 0.6	1000 @ 100	100	—
1N1557	Do-1	200	0.75 @ 100	100	1.4 @ 0.6	1000 @ 100	100	—
1N1558	Do-1	300	0.75 @ 100	100	1.4 @ 0.6	1000 @ 100	100	—
1N1559	Do-1	400	0.75 @ 100	100	1.4 @ 0.6	1000 @ 100	100	—
1N1560	Do-1	500	0.75 @ 100	100	1.4 @ 0.6	1000 @ 100	100	—
1N1644	Do-1	50	0.75 @ 50	50	0.5 @ 0.25	400 @ 150	150	3, 4
1N1645	Do-1	100	0.75 @ 50	50	0.5 @ 0.25	400 @ 150	150	3, 4
1N1646	Do-1	150	0.75 @ 50	50	0.5 @ 0.25	400 @ 150	150	3, 4
1N1647	Do-1	200	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1648	Do-1	250	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1649	Do-1	300	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1650	Do-1	350	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1651	Do-1	400	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1652	Do-1	500	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1653	Do-1	600	0.75 @ 50	50	0.5 @ 0.25	300 @ 150	150	3, 4
1N1692	Do-1	100	0.6 @ 50	50	0.6 @ 0.25	500 @ 100	100	3, 4
1N1693	Do-1	200	0.6 @ 50	50	0.6 @ 0.25	500 @ 100	100	3, 4
1N1694	Do-1	300	0.6 @ 50	50	0.6 @ 0.25	500 @ 100	100	3, 4
1N1695	Do-1	400	0.6 @ 50	50	0.6 @ 0.25	500 @ 100	100	3, 4
1N1696	Do-1	500	0.6 @ 50	50	0.6 @ 0.25	0.5 @ 100	100	3, 4
1N1697	Do-1	600	0.6 @ 50	50	0.6 @ 0.25	0.5 @ 100	100	3, 4
1N1701	Do-12	50	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1702	Do-12	100	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1703	Do-12	200	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1704	Do-12	300	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1705	Do-12	400	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1708	Do-12	500	0.15 @ 150	150	1.3 @ 0.6	10 @ 25	25	—
1N1707	Do-12	50	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N1708	Do-12	100	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N1709	Do-12	200	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N1710	Do-12	300	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N1711	Do-12	400	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N1712	Do-12	500	0.5 @ 55	55	1.2 @ 0.5	10 @ 25	25	—
1N2069	Do-27	200	0.75 @ 25	25	1.2 @ 0.5	10 @ 25	25	—
1N2069A	Do-27	200	0.75 @ 25	25	1.0 @ 0.5	5 @ 25	25	—
1N2070	Do-27	400	0.75 @ 25	25	1.2 @ 0.5	10 @ 25	25	—
1N2070A	Do-27	400	0.75 @ 25	25	1.0 @ 0.5	5 @ 25	25	—
1N2071	Do-27	600	0.75 @ 25	25	1.2 @ 0.5	10 @ 25	25	—
1N2071A	Do-27	600	0.75 @ 25	25	1.0 @ 0.5	5 @ 25	25	—

Notes: (3) I_A averaged over one cycle (4) V_F average volts at average current

LEAD MOUNTED SILICON POWER RECTIFIERS . . . cont'd

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (volts)	MAX. AVERAGE FORWARD CURRENT, I _F (amps)	AMBIENT TEMP. (°C)	FORWARD CURRENT (amps) MAX. FORWARD VOLTAGE (volts)	REVERSE CURRENT (μA) AMBIENT TEMP. (°C)	NOTES
1N2072	Do-1	50	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2073	Do-1	100	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2074	Do-1	150	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2075	Do-1	200	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2076	Do-1	250	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2077	Do-1	300	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2078	Do-1	400	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2079	Do-1	500	0.75 @ 25	25	1.2 @ 0.5	250 @ 100	1
1N2080	Do-1	50	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2081	Do-1	100	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2082	Do-1	200	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2083	Do-1	300	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2084	Do-1	400	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2085	Do-1	500	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2086	Do-1	600	0.5 @ 25	25	1.5 @ 0.5	350 @ 100	1
1N2103	Do-1	50	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2104	Do-1	100	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2105	Do-1	200	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2106	Do-1	300	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2107	Do-1	400	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2108	Do-1	500	0.75 @ 25	25	1.2 @ 0.75	300 @ 25	1
1N2115	Do-1	365	0.3 @ 50	50	0.8 @ 0.2	250 @ 85	4
1N2117	Do-1	720	0.75 @ 50	50	1.3 @ 0.75	10 @ 25	1
1N2373	Do-1	600	0.25 @ 25	25	3.0 @ 0.4	10 @ 25	1
1N2374	Do-1	1000	0.25 @ 25	25	3.0 @ 0.4	10 @ 25	1
1N2482	Do-27	200	0.75 @ 55	55	1.2 @ 0.75	1000 @ 55	1
1N2483	Do-27	400	0.75 @ 55	55	1.2 @ 0.75	1000 @ 55	1
1N2484	Do-27	600	0.75 @ 55	55	1.2 @ 0.75	1000 @ 55	1
1N2485	Do-1	200	0.75 @ 55	55	1 @ 0.75	1 @ 55	1
1N2486	Do-1	300	0.75 @ 55	55	1 @ 0.75	1 @ 55	1
1N2487	Do-1	400	0.75 @ 55	55	1 @ 0.75	1 @ 55	1
1N2488	Do-1	500	0.75 @ 55	55	1 @ 0.75	1 @ 55	1
1N2489	Do-1	600	0.75 @ 55	55	1 @ 0.75	1 @ 55	1
1N2501	Do-1	800	0.15 @ 25	25	1.5 @ 0.1	20 @ 25	1
1N2502	Do-1	1000	0.15 @ 25	25	1.5 @ 0.1	20 @ 25	1
1N2505	Do-1	800	0.3 @ 25	25	1.5 @ 0.2	20 @ 25	1
1N2506	Do-1	1000	0.3 @ 25	25	1.5 @ 0.2	20 @ 25	1
1N2609	Do-12	50	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2610	Do-12	100	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2611	Do-12	200	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2612	Do-12	300	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2613	Do-12	400	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2614	Do-12	500	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2615	Do-12	600	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2616	Do-12	800	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2617	Do-12	1000	0.75 @ 50	50	1 @ 0.75	1 @ 25	1
1N2858	Do-1	50	0.75 @ 75	75	1.2 @ 0.75	400 @ 100	3
1N2859	Do-1	100	0.75 @ 75	75	1.2 @ 0.75	400 @ 100	3
1N2860	Do-1	200	0.75 @ 75	75	1.2 @ 0.75	400 @ 100	3
1N2861	Do-1	300	0.75 @ 75	75	1.2 @ 0.75	300 @ 100	3
1N2862	Do-1	400	0.75 @ 75	75	1.2 @ 0.75	300 @ 100	3
1N2863	Do-1	500	0.75 @ 75	75	1.2 @ 0.75	300 @ 100	3
1N2864	Do-1	600	0.75 @ 75	75	1.2 @ 0.75	300 @ 100	3
1N3072	Do-12	50	0.2 @ 150	150	1.5 @ 0.5	1 @ 25	3

Notes: (3) I_A averaged over one cycle (4) V_F average volts at average current

LEAD MOUNTED SILICON POWER RECTIFIERS . . . cont'd

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (volts)	MAX. AVERAGE FORWARD CURRENT, I_F (amps)	AMBIENT TEMP. ($^{\circ}$ C)	FORWARD CURRENT (amps) MAX. FORWARD VOLTAGE (volts)	REVERSE CURRENT (μ A) - AMBIENT TEMP. ($^{\circ}$ C)	NOTES
1N3073	Do-12	100	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3074	Do-12	150	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3075	Do-12	200	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3076	Do-12	250	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3077	Do-12	300	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3078	Do-12	350	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3079	Do-12	400	0.2 @ 150	1.5 @ 0.5	1 @ 25	3	
1N3080	Do-12	500	0.2 @ 150	1.5 @ 0.5	1 @ 25	1	
1N3081	Do-12	600	0.2 @ 150	1.5 @ 0.5	1 @ 25	1	
1N3082	Do-12	200	0.5 @ 150	1 @ 0.75	5 @ 25	1	
1N3083	Do-12	400	0.5 @ 150	1 @ 0.75	5 @ 25	1	
1N3084	Do-12	600	0.5 @ 150	1 @ 0.75	5 @ 25	1	
1N3189	Do-12	200	1 @ 100	1 @ 0.75	5 @ 25	1	
1N3190	Do-12	400	1 @ 100	1 @ 0.75	5 @ 25	1	
1N3191	Do-12	600	1 @ 100	1 @ 0.75	5 @ 25	1	
1N3193	Do-12	200	0.75 @ 75	1.2 @ 1	5 @ 25	1	
1N3194	Do-12	400	0.75 @ 75	1.2 @ 1	5 @ 25	1	
1N3195	Do-12	600	0.75 @ 75	1.2 @ 1	5 @ 25	1	
1N3196	Do-12	800	0.75 @ 75	1.2 @ 1	5 @ 25	1	
1N3253	Do-12	200	0.75 @ 75	1.2 @ 1	5 @ 25	5	
1N3254	Do-12	400	0.75 @ 75	1.2 @ 1	5 @ 25	5	
1N3255	Do-12	600	0.75 @ 75	1.2 @ 1	5 @ 25	5	
1N3256	Do-12	800	0.75 @ 75	1.2 @ 1	5 @ 25	5	
1N3639	Do-12	200	0.75 @ 75	1.1 @ 1	200 @ 75	3, 5	
1N3640	Do-12	400	0.75 @ 75	1 @ 1	200 @ 75	3, 5	
1N3641	Do-12	600	0.75 @ 75	1 @ 1	200 @ 75	3, 5	
1N3642	Do-12	800	0.5 @ 75	1 @ 1	200 @ 75	3, 5	
1N4001		50	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4002		100	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4003		200	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4004		400	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4005		600	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4006		800	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4007		1000	1.0 @ 75	1.1 @ 1	10 @ 25	1	
1N4139		50	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4140		100	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4141		200	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4142		400	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4143		600	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4144		800	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4145		1000	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4146		1200	3 @ 75	1.2 @ 3	25 @ 25	1	
1N4719		50	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4720		100	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4721		200	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4722		400	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4723		600	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4724		800	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4725		1000	3 @ 75	0.9 @ 3	1500 @ 75	3	
1N4997		50	3 @ 75	0.9 @ 3	0.5 @ 25	1	

Notes: (3) I_R averaged over one cycle (5) Plastic insulating sleeve over body

LEAD MOUNTED SILICON POWER RECTIFIERS . . . cont'd

TYPE	CASE STYLE	MAX. PEAK REVERSE VOLTAGE (volts)	MAX. AVERAGE FORWARD CURRENT, I _F (amps)	AMBIENT TEMP. (°C)	FORWARD CURRENT (amps) MAX. FORWARD VOLTAGE (volts)	REVERSE CURRENT (μA) AMBIENT TEMP. (°C)	NOTES
1N4998	1G-137	100	3 @ 75		0.9 @ 3	0.5 @ 25	—
1N4999	1G-137	200	3 @ 75		0.9 @ 3	0.5 @ 25	—
1N5000	1G-137	400	3 @ 75		0.9 @ 3	0.5 @ 25	—
1N5001	1G-137	600	3 @ 75		0.9 @ 3	0.5 @ 25	—
ER1	Do-27	50	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER11	Do-27	100	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER21	Do-27	200	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER31	Do-27	300	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER41	Do-27	400	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER51	Do-27	500	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER61	Do-27	600	0.4 @ 100		1.25 @ 0.5	25 @ 25	—
ER81	Do-27	800	0.3 @ 100		1.25 @ 0.5	25 @ 25	—
ER181	Do-27	50	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER182	Do-27	100	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER183	Do-27	200	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER184	Do-27	400	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER185	Do-27	600	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER186	Do-27	800	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER187	Do-27	1000	1 @ 75		1.1 @ 1	10 @ 25	(a)
ER2000	1G-117	50	3.0 @ 50		1.2 @ 3	25 @ 25	—
ER2001	1G-117	100	3.0 @ 50		1.2 @ 3	25 @ 25	—
ER2002	1G-117	200	3.0 @ 50		1.2 @ 3	25 @ 25	—
ER2003	1G-117	400	3.0 @ 50		1.2 @ 3	25 @ 25	—
EG2004	1G-117	600	3.0 @ 50		1.2 @ 3	25 @ 25	—
ER2005	1G-117	800	3.0 @ 50		1.2 @ 3	25 @ 25	—
ER2006	1G-117	1000	3.0 @ 50		1.2 @ 3	25 @ 25	—
SL91	Do-1	100	0.15 @ 85		1.1 @ 0.5	50 @ 25	—
SL92	Do-1	200	0.30 @ 85		1.1 @ 0.5	50 @ 25	—
SL93	Do-1	300	0.30 @ 85		1.1 @ 0.5	50 @ 25	—
SL608	Do-1	800	0.15 @ 25		1.5 @ 0.1	20 @ 25	—
SL610	Do-1	1000	0.15 @ 25		1.5 @ 0.1	20 @ 25	—
SL708	Do-1	800	0.3 @ 25		1.5 @ 0.2	20 @ 25	—
SL710	Do-1	1000	0.3 @ 25		1.5 @ 0.2	20 @ 25	—
TK5	Do-12	50	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK10	Do-12	100	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK11	Do-12	100	0.5 @ 150		1 @ 0.75	5 @ 25	—
TK20	Do-12	200	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK21	Do-12	200	0.5 @ 150		1 @ 0.75	5 @ 25	—
TK30	Do-12	300	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK40	Do-12	400	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK41	Do-12	400	0.5 @ 150		1 @ 0.75	5 @ 25	—
TK50	Do-12	500	0.25 @ 150		1.1 @ 0.5	10 @ 25	—
TK60	Do-12	600	0.25 @ 150		1.2 @ 0.5	10 @ 25	—
TK61	Do-12	600	0.5 @ 150		1 @ 0.75	5 @ 25	—

Notes: (a) Electrically equivalent to 1N4001 through 1N4007 series