

## ZENER DIODES 10.0 WATT RATING (DO-4)

TYPE NUMBER	NOMINAL ZENER VOLTAGE (V <sub>Z</sub> ) VOLTS	TEST CURRENT I <sub>ZT</sub> mA	MAX. ZENER IMPEDANCE Z <sub>ZT</sub>	MAX. ZENER CURRENT I <sub>ZM</sub> mA	TYPE NUMBER	NOMINAL ZENER VOLTAGE (V <sub>Z</sub> ) VOLTS	TEST CURRENT I <sub>ZT</sub> mA	MAX. ZENER IMPEDANCE Z <sub>ZT</sub>	MAX. ZENER CURRENT I <sub>ZM</sub> mA
1N1351	10	500	2.0	910	1N1821	22	250	3.0	410
1N1352	11	500	2.0	830	1N1822	24	250	3.0	380
1N1353	12	500	2.0	780	1N1823	27	250	3.0	340
1N1354	13	500	2.0	700	1N1824	30	250	4.0	300
1N1355	15	500	2.0	610	1N1825	33	150	4.0	275
1N1356	16	500	3.0	570	1N1826	36	150	5.0	252
1N1357	18	150	3.0	500	1N1827	39	150	5.0	233
1N1358	20	150	3.0	450	1N1828	43	150	6.0	212
1N1359	22	150	3.0	410	1N1829	47	150	7.0	193
1N1360	24	150	3.0	380	1N1830	51	150	8.0	178
1N1361	27	150	3.0	340	1N1831	56	150	9.0	162
1N1362	30	150	4.0	300	1N1832	62	50	12	147
1N1363	33	150	4.0	275	1N1833	68	50	12	134
1N1364	36	150	5.0	252	1N1834	75	50	20	121
1N1365	39	150	5.0	233	1N1835	82	50	22	111
1N1366	43	150	6.0	212	1N1836	91	50	35	100
1N1367	47	150	7.0	193	1N2008	100	50	40	91
1N1368	51	150	8.0	178	1N2009	110	50	47	83
1N1369	56	150	9.0	162	1N2010	120	50	56	76
1N1370	62	50	12	147	1N2011	130	50	65	70
1N1371	68	50	14	134	1N2012	150	50	82	61
1N1372	75	50	20	121	1N2041	4.3-5.4	†1.0	1.0	740
1N1373	82	50	22	111	1N2041-1	4.5	†1.0	1.0	740
1N1374	91	50	35	100	1N2041-2	5.0	†1.0	1.0	740
1N1375	100	50	40	91	1N2042	5.2-6.4	†1.0	0.7	675
1N1588	3.9	150	4.5	850	1N2042-1	5.5	†1.0	0.7	675
1N1589	4.7	125	4.0	700	1N2042-2	6.0	†1.0	0.7	675
1N1590	5.6	110	3.0	625	1N2043	6.2-8.0	†1.0	0.8	500
1N1591	6.8	100	0.9	525	1N2043-1	6.5	†1.0	0.8	500
1N1592	8.2	80	1.5	425	1N2043-2	7.0	†1.0	0.8	500
1N1593	10	70	2.5	350	1N2043-3	7.5	†1.0	0.8	500
1N1594	12	50	3.0	275	1N2044	7.5-10.0	†1.0	0.8	400
1N1595	15	40	5.5	225	1N2044-1	8.0	†1.0	0.8	400
1N1596	18	35	9.0	200	1N2044-2	8.5	†1.0	0.8	400
1N1597	22	30	14	160	1N2044-3	9.0	†1.0	0.8	400
1N1598	27	25	24	125	1N2044-4	9.5	†1.0	0.8	400
1N1599	3.9	500	1.5	2500	1N2045	9.0-12.0	†1.0	1.5	330
1N1600	4.7	400	0.9	2000	1N2045-1	10	†1.0	1.5	330
1N1601	5.6	350	0.6	1750	1N2045-2	11	†1.0	1.5	330
1N1602	6.8	300	0.4	1500	1N2046	11.0-14.5	†1.0	2.0	275
1N1603	8.2	250	0.6	1200	1N2046-1	12	†0.5	2.0	275
1N1604	10	200	1.0	1000	1N2046-2	13	†0.5	2.0	275
1N1605	12	170	2.0	850	1N2046-3	14	†0.5	2.0	275
1N1606	15	140	1.9	650	1N2047	13.5-18.0	†0.5	3.0	220
1N1607	18	110	4.0	550	1N2047-1	15	†0.5	3.0	220
1N1608	22	90	6.0	450	1N2047-2	16	†0.5	3.0	220
1N1609	27	70	10	350	1N2047-3	17	†0.5	3.0	220
1N1803	5.6	1000	1.0	190	1N2048	17.0-21.0	†0.5	3.0	190
1N1804	6.2	1000	1.0	190	1N2048-1	18	†0.5	3.0	190
1N1805	6.8	1000	1.0	1340	1N2048-2	19	†0.5	3.0	190
1N1806	7.5	1000	1.0	1210	1N2048-3	20	†0.5	3.0	190
1N1807	8.2	1000	1.0	1110	1N2049	20.0-27.0	†0.15	8.0	150
1N1808	9.1	500	1.0	1000	1N2049-1	22	†0.15	8.0	150
1N1809	110	50	47	83	1N2049-2	24	†0.15	8.0	150
1N1810	120	50	56	76	1N2049-3	26	†0.15	8.0	150
1N1811	130	50	65	70	1N2498	10	500	2.0	910
1N1812	150	50	82	61	1N2499	11	500	2.0	830
1N1813	160	50	93	57	1N2500	12	500	2.0	760
1N1814	180	50	115	50					
1N1815	200	50	140	45					
1N1816	13	500	2.0	700					
1N1817	15	500	2.0	610					
1N1818	16	500	3.0	570					
1N1819	18	500	3.0	500					
1N1820	20	250	3.0	450					

STANDARD POLARITY 1N1351 - 1N1375 - ANODE TO CASE  
 STANDARD POLARITY 1N1588 - 1N1609 - CATHODE TO CASE  
 STANDARD POLARITY 1N1803 - 1N2012 - ANODE TO CASE  
 STANDARD POLARITY 1N2041 - 1N2049 - CATHODE TO CASE  
 STANDARD POLARITY 1N2498 - 1N2500 - ANODE TO CASE

NO SUFFIX LTR V<sub>Z</sub> = ± 10% TOLERANCE  
 "A" SUFFIX LTR V<sub>Z</sub> = ± 5% TOLERANCE  
 1N2041 -1, -2, -3 THRU 1N2049 -1, -2, -3 V<sub>Z</sub> = ± 5%  
 † I<sub>ZT</sub> IN AMPERES