10 VOLTAGE VARIABLE CAPACITORS & VARACTOR DIODES

IN ORDER OF (1) TYPICAL CAPACITANCE, (2) TEST VOLTAGE, and (3) TYPE No.

LINE No.	3 TYPE No.	MINIMUM CUTOFF FREQUENCY (Corresponding to Type Numbers in previous column) (Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	TYP. CAP. 1 CAP. Cj (F)	2 at TEST VOLT (V)	CAPACITANCE RANGE (for V = 0 to PIV) Ø - at TEST VOLT. (pF)	PIV (V)	Q FACTOR MIN. Q	at TEST FREQ (Hz)	MAX. SER. RES. Rs (Ω)	MAX. DISS. @ 25°C (W)	DESCRIPTION MAT.	DWG. No.
1	VC68,A,B							68p%	4.0	31 - 175	25 $	10	.05G				DO7
2	VC268,A,B							68p%	4.0	31 - 175	25 $	25	.05G				DO7
3	VC367,A,B							68p%	4.0	3.0;1V-25V$	25 $	50	.05G				DO7
4	VC467,A,B							68p%	4.0	3.0;1V-25V$	25 $	100	.05G				DO7
5	VC746	7.5G						68p	4.0	2.6;2.0V-20V$	20 ⍁	150	50M			Si	DO7
6	VC832,A,B							68p%	4.0	39 - 175	15 $	9.0	.05G				DO7
7	VC852,A,B							68p%	4.0	175 - 29	30 $	9.0	.05G			Si	DO7
8	VVC221,A,B,C,D							68p%	4.0	1.75;4.0V-15V$	15	9.0	50M		400m§	Si	DO7†
9	VVC717,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	9.0	50M		400m§	Si	DO7†
10	VVC759,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	15	50M		400m§	Si	DO7†
11	VVC760,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	500	50M		400m§	Si	DO7†
12	VVC761,A,B,C,D							68p%	4.0	2.0;4.0V-20V$	20	150	50M		400m§	Si	DO7†
13	VVC762,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	250	50M		400m§	Si	DO7†
14	VVC833,A,B,C,D							68p%	4.0	2.2;4.0V-25V$	25	25	50M		400m§	Si	DO7†
15	VVC834,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	50	50M		400m§	Si	DO7†
16	VVC835,A,B,C,D							68p%	4.0	2.7;4.0V-40V$	40	10	50M		400m§	Si	DO7†
17	VVC879,A,B,C,D							68p%	4.0	2.4;4.0V-30V$	30	100	50M		400m§	Si	DO7†
18	VVC952,A,B,C,D							68p%	4.0	1.75;4.0V-150V$	15	12	50M		400m§	Si	DO7†
19	VVC1646,A,B,C							68p%	4.0	2.0-3.2;2.0V-20V$	20	150	50M		400m§	Si	DO7†
20	ZC712⍁							68pΔ†	4.0	2.8;2.0V-30V$;10%	30	150	50M		400m	Si	DO7Δ
21	ZC712B							68pΔ†	4.0	2.8;2.0V-30V$;5%	30	150	50M		400m	Si	DO7Δ
22	ZC712C							68pΔ†	4.0	2.8;2.0V-30V$;2%	30	150	50M		400m	Si	DO7Δ
23	PH0305							70p	0.0	60 - 80Ø	90			.80		Si	DO4
24	PH0308							70p	0.0	60 - 80Ø	120			.80		Si	DO4
25	PH0311							70p	0.0	40 - 60Ø	150			.80		Si	DO4
26	1N952							70p	4.0	20 - 170	60	7.0	.05G	2.1		Si	DO7
27	1N952A							70p	4.0		60	7.0	50M			Si	DO7
28	1N952B							70p	4.0	20-270;5.0%	60 $	30	50M		400m	Si	DO7
29	1N956							70p	4.0	32 - 170	25	7.0	.05G	2.1		Si	DO7
30	1N956A							70p	4.0	33-170;10%	25 $	20	50M		400m	Si	DO7
31	1N956B							70p	4.0	33-170;5.0%	25 $	20	50M		400m	Si	DO7
32	1N3947							70p	4.0		9.0	9.0	50M			Si	DO14
33▼·	HC7004							70p	4.0	20-170	60	7.0	50M	2.1	400m	Si	DO7
34▼	HC7008							70p	4.0	32-170	25	7.0	50M	2.1	400m	Si	DO7
35	KV952							70p%	4.0	3.55;4.0V-60V$	60 $	100	50m		400m	▼	DO14
36	KV952A							70p%	4.0	3.55;4.0V-60V$	60 $	100	50m		400m	▼	DO14
37	KV952B							70p%	4.0	3.55;4.0V-60V$	60 $	100	50m		400m	▼	DO14
38	KV952C							70p%	4.0	3.55;4.0V-60V$	60 $	100	50m		400m	▼	DO14
39	KV952D							70p%	4.0	3.55;4.0V-60V$	60 $	100	50M		400m	▼	DO14
40#	FC63							70p	5.0	18;1.0-9.0V$	15 $	100	1.0M			Si#$	
41	1N3946							71p	4.0		90	7.0	50M		.50	Si	DO14
42	SD11G18							75p	0.0	75 - 150	18			1.0		Si	P3
43	SD12G18							75p	0.0	75 - 150	18			1.0		Si	F3a
44	SD22G18							75p	0.0	75 - 150	18			1.0		Si	F11
45	SD32G18							75p	0.0	75 - 150	18			1.0		Si	F21
46	SD42G18							75p	0.0	75 - 150	18			1.0		Si	F9a
47	SDGPG18							75p	0.0	75 - 150	18			1.0		Si	DO7
48#	FC52M							80p	1.0			100	25M			Si	C187
49#	1S1765							80p	2.5	72 - 88	40	500	.02G			Si#$	A1bw
50♦#	DC4228C	5.0G						80p	4.0		90	100	50M			Si	DO14Δ
51	1N4799							82p%	4.0	2.36;0.0-4.0V$	15 $	15	50M		500m	Si	DO14
52	1N4799A							82p%	4.0	2.36;0.0-4.0V$	15 $	15	50M		500m	Si	DO14
53	1N4799B							82p%	4.0	2.36;0.0-4.0V$	15 $	15	50M		500m	Si	DO14
54	1N4799C							82p%	4.0	2.36;0.0-4.0V$	15 $	15	50M		500m	Si	DO14
55	1N4799D							82p%	4.0	2.36;0.0-4.0V$	15 $	15	50M		500m	Si	DO14
56	1N4814							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	DO14
57	1N4814A							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	DO14
58	JAN1N4814A							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	A1dd
59	1N4814B							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	DO14
60	JAN1N4814B							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	A1dd
61	1N4814C							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	DO14
62	1N4814D							82p%	4.0	2.36;0.0-4.0V$	20 $	15	50M		500m	Si	DO14
63	1N5455							82p%	4.0	2.7;2V-30V$	30	175	50M		400m	Si	DO7
64	1N5455A							82p%	4.0	2.7;2V-30V$	30	175	50M		400m	Si	DO7
65	1N5455B							82p%	4.0	2.7;2V-30V$	30	175	50M		400m	Si	DO7
66	1N5455C							82p%	4.0	2.7;2V-30V$	30	175	50M		400m	Si	DO7
67	1N5455D							82p%	4.0	2.7;2V-30V$	30	175	50M		400m	Si	DO7
68	1N5475							82p%	4.0	2.9;2V-30V$	30	225	50M		400m	Si	DO7
69	1N5475A							82p%	4.0	2.9;2V-30V$	30	225	50M		400m	Si	DO7
70	1N5475B							82p%	4.0	2.9;2V-30V$	30	225	50M		400m	Si	DO7
71	JAN1N5475B							82p	4.0	77.9-86.1Ø	30 ⍁	600	50M		400m	Si	DO7
72	1N5475C							82p%	4.0	2.9;2V-30V$	30	225	50M		400m	Si	DO7
73	JAN1N5475C							82p	4.0	80.36-83.64Ø	30 ⍁	225	50M		400m	Si	DO7
74	1N5475D							82p%	4.0	2.9;2V-30V$	30	225	50M		400m	Si	DO7
75	1N5694							82p%	4.0	3.3;2.0V-40V$	40	225	50M		400m	Si	DO7
76	1N5694A							82p%	4.0	3.3;2.0V-40V$	40	225	50M		400m	Si	DO7
77	1N5694B							82p%	4.0	3.3;2.0V-40V$	40	225	50M		400m	Si	DO7
78	1N5709							82p%	4.0	3.2;4.0V-60V$	60	150	50M		400m	Si	DO7
79	1N5709A							82p%	4.0	3.2;4.0V-60V$	60	150	50M		400m	Si	DO7
80	1N5709B							82p%	4.0	3.2;4.0V-60V$	60	150	50M		400m	Si	DO7
81	CV839							82p	4.0	73.8-90.2Ø	30	10	50M		400m	Si	DO7
82	CV1648							82p	4.0	73.8-90.2Ø	20	150	50M		400m	Si$	DO7
83	CV5082							82p	4.0	2.6;2.0V-30V$	30	100	50M		400m	Si	DO7
84	D1748,B,C							82pt%	4.0	3.2;2.0V-30V$	30 ⍁	250	50M		400m	Si#$	DO7
85	HA1948A							82pΔ†	4.0	4.0;2.0V-30V$;10%	30	250	50M		400m	Si	DO7
86	HA1948B							82pΔ†	4.0	4.0;2.0V-30V$;5%	30	250	50M		400m	Si	DO7
87	HA1948C							82pΔ†	4.0	4.0;2.0V-30V$;2%	30	250	50M		400m	Si	DO7
88	HC7089							82p	4.0	210 - 47	15	12	.05G			Si	DO7
89	KV648							82p§	4.0	2.6;2.0V-20V$	20 ⍁	150	50M		400m	Si#$	DO7
90	MV82,A							82p	4.0	±16.4,±8.2Ø	15	8.0	.05G		.25	Si	A109
91	MV839							82p	4.0	73.8-82Ø	30 ⍁	10	50M		400m	Si	DO7
92	MV839B							82pΔ†	4.0	2.2;4V-25V$;5%	30	10	50M		400m	Si	DO7
93	MV839C							82pΔ†	4.0	2.2;4V-25V$;2%	30	10	50M		400m	Si	DO7
94	MV1648							82p§	4.0	73.8-82Ø	20 ⍁	150	50M		400m	Si	DO7
95	MV1648B							82pΔ†	4.0	2.7;2.0V-20V$;5%	20	150	50M		400m	Si	DO7
96	MV1648C							82pΔ†	4.0	2.7;2.0V-20V$;2%	20	150	50M		400m	Si	DO7
97	MV1748							82p§	4.0	73.8 - 90.2Ø	30 ⍁	250	.05G		.40	Si$	DO7
98	MV1748A							82p	4.0		30 ⍁	500	50M		400m	SiΔ#	DO7
99	MV2114							82p§	4.0	73.8-90.2Ø	30	100	50M		280m	Si	C132
100	SQ1748,B,C							82pΔ†	4.0	3.2;2V-30V$	30	300	50M		400m	Si	DO7
101	SQ5475A							82pt△	4.0	3.3;2.0V-30V$;10%	30	225	50M		400m	Si	DO7
102	SQ5475B							82pt△	4.0	3.3;2.0V-30V$;5%	30	225	50M		400m	Si	DO7
103	SQ5475C							82pt△	4.0	3.3;2.0V-30V$;2%	30	225	50M		400m	Si	DO7
104	V82,A,B,C,D	450M						82p%	4.0	3.5;500mV-15V$	15 $	9.0	50M		400m		DO7
105	V82,A,B,C,D△	600M						82p%	4.0	35-210	25 $	12	50M		500m	Si$	DO14
106	V82,A,B,C,D%	600M						82p%	4.0	35-210	25 $	12	50M		500m		DO7
107	V82E,A,B,C,D	450M						82p%	4.0	4.0;500mV-20V$	20 $	9.0	50M		400m		DO7
108	V82E,A,B,C,D△	450M						82p%	4.0	40-210	20 $	9.0	50M		500m	Si$	DO14
109	V82G							82p	4.0	20%	15 $	12	50M		400m	Si$	DO7Δ
110	V982,A,B,C,D							82p%	4.0	3.5;500mV-15V$	15 $				600m		DO14