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	V910E,A,B,C,D△	350M						10p%	4.0	2.2-26	100 $	7.0	50M		500m	Si$	DO14
2	VA112							10p	4.0	4.0;2.0V-80V$	80 $	50	50M		500m	Si$	DO14△
3	VA115							10p	4.0	4.2;2.0V-100V$	100 $	100	50M		500m	Si$	DO14△
4	VA132							10p	4.0	3.0;1.0V-25V$	25 $	50	50M		500m	Si$	DO14△
5	VA135							10p	4.0	4.0;1.0V-50V$	50 $	150	50M		500m	Si$	DO14△
6	VA151							10p	4.0	4.0;2.0V-80V$	80 $	100	50M		500m	Si$	DO14△
7	VA157							10p	4.0	3.0;1.0V-25V$	25 $	150	50M		500m	Si$	DO14△
8	VA163							10p	4.0	4.2;2.0V-100V$	100 $	75	50M		500m	Si$	DO14△
9	VA210	37GØ						10p	4.0	6.2;2.0V-150V$	150 $	75	50M	4.3 ⧄	500m	Si$	DO14△
10	VA211	50GØ						10p	4.0	6.2;2.0V-150V$	150 $	100	50M	3.2 ⧄	500m	Si$	DO14△
11	VA310							10p	4.0	6.0;2.0-200V$	200 $	75	50M	4.3 ⧄	500m	Si$	DO14△
12	VA311							10p	4.0	6.0;2.0-200V$	200 $	100	50M	3.2 ⧄	500m	Si$	DO14△
13	VA5140							10p	4.0	9.0-11	90	300	50M		400m	Si	DO7
14	VA5140A							10p	4.0	9.5-10.5	90	300	50M		400m	Si	DO7
15	VAT56N60,N74	45G						10p†	4.0	7.0;0.0V-60V$;7.3%	60 ⧄	900	50M			Si	V8
16	VC10,A,B							10p%	4.0	3.1 - 26	50 $	10	.05G				DO7
17	VC210,A,B							10p%	4.0	3.1 - 26	50 $	25	.05G				DO7
18	VC309,A,B							10p%	4.0	3.0;1V-25V$	25 $	50	.05G				DO7
19	VC310,A,B							10p%	4.0	4.0;2V-80V$	80 $	50	.05G				DO7
20	VC409,A,B							10p%	4.0	3.0;1V-25V$	25 $	100	.05G				DO7
21	VC410,A,B							10p%	4.0	4.0;1V-50V$	50 $	100	.05G				DO7
22	VC411,A,B							10p%	4.0	4.0;2.0-80V$	100 $	100	50M				DO7
23	VC610,A,B							10p%	4.0	3.0;1V-25V$	40 $	200	.05G				DO7
24	VC611,A,B							10p%	4.0	3.0;1V-25V$	40 $	300	.05G			Si	DO7
25	VC724	15G						10p	4.0	2.6;2.0V-20V$	20 ⧄	300	50M			Si	DO7
26	VC822,A,B							10p%	4.0	4.3 - 26	25 $	13	.05G				DO7
27	VC842,A,B							10p%	4.0	2.2-26	100 $	3.5	50M				DO7
28	VVC203,A,B,C,D							10p%	4.0	2.2;4.0V-25V$	25	13	50M		400m§	Si	DO7†
29	VVC204,A,B,C,D							10p%	4.0	3.9;4.0V-100V$	100	3.5	50M		400m§	Si	DO7†
30	VVC401,A,B,C,D							10p%	4.0	3.6;4.0V-80V$	80	50	50M		400m§	Si	DO7†
31	VVC403,A,B,C,D							10p%	4.0	3.9;4.0V-100V$	100	100	50M		400m§	Si	DO7†
32	VVC412,A,B,C,D							10p%	4.0	2.2;4.0V-25V$	25	50	50M		400m§	Si	DO7†
33	VVC705,A,B,C,D							10p%	4.0	2.4;4.0V-30V$	30	50	50M		400m§	Si	DO7†
34	VVC706,A,B,C,D							10p%	4.0	2.9;4.0V-50V$	50	75	100M		400m§	Si	DO7†
35	VVC729,A,B,C,D							10p%	4.0	2.4;4.0V-30V$	30	500	50M		400m§	Si	DO7†
36	VVC730,A,B,C,D							10p%	4.0	2.0;4.0V-20V$	20	300	50M		400m§	Si	DO7†
37	VVC795,A,B,C,D							10p%	4.0	1.35;4.0V-8.0V$	8.0	50	50M		400m§	Si	DO7†
38	VVC796,A,B,C,D							10p%	4.0	2.9;4.0V-50V$	50	10	50M		400m§	Si	DO7†
39	VVC797,A,B,C,D							10p%	4.0	2.9;4.0V-50V$	50	25	50M		400m§	Si	DO7†
40	VVC798,A,B,C,D							10p%	4.0	3.2;4.0V-60V$	60	10	50M		400m§	Si	DO7†
41	VVC799,A,B,C,D							10p%	4.0	3.2;4.0V-60V$	60	100	50M		400m§	Si	DO7†
42	VVC850,A,B,C,D							10p%	4.0	2.4;4.0V-30V$	30	100	50M		400m§	Si	DO7†
43	VVC851,A,B,C,D							10p%	4.0	2.7;4.0V-40V$	40	200	50M		400m§	Si	DO7†
44	VVC852,A,B,C,D							10p%	4.0	3.2;4.0V-60V$	60	100	50M		400m§	Si	DO7†
45	VVC853,A,B,C,D							10p%	4.0	4.2;4.0V-110V$	110	100	50M		400m§	Si	DO7†
46	VVC910,A,B,C,D							10p%	4.0	2.2;4.0V-25V$	25	150	50M		400m§	Si	DO7†
47	VVC911,A,B,C,D							10p%	4.0	2.9;4.0V-50V$	50	150	50M		400m§	Si	DO7†
48	VVC912,A,B,C,D							10p%	4.0	3.6;4.0V-80V$	80	100	50M		400m§	Si	DO7†
49	VVC913,A,B,C,D							10p%	4.0	3.9;4.0V-100V$	100	75	50M		400m§	Si	DO7†
50	VVC914,A,B,C,D							10p%	4.0	4.8;4.0V-150V$	150	60	50M		400m§	Si	DO7†
51	VVC915,A,B,C,D							10p%	4.0	4.8;4.0V-150V$	150	100	50M		400m§	Si	DO7†
52	VVC1624,A,B,C							10p%	4.0	2.0-3.2;2.0V-20V$	20	300	50M		400m§	Si	DO7†
53	ZC702							10p△†	4.0	2.7;2.0V-30V$;10%	30	400	50M		400m	Si	DO7△
54	ZC702B							10p△†	4.0	2.7;2.0V-30V$;5%	30	400	50M		400m	Si	DO7△
55	ZC702C							10p△†	4.0	2.7;2.0V-30V$;2%	30	400	50M		400m	Si	DO7△
56#	SV89E							10p	6.0	8.0 - 12Ø	180			1.5 ⧄		Si$#	S201
57#	BXY22G							10p	15	8.8 - 11.2Ø	30			1.5		Si#$	F48a
58#	BB100							10p	30	1.5;3.0 - 30V$	25			2.0	250m	Si#$	DO7
59	PL0195-1		5.0G					11p		8.0-14Ø	200 ⧄	⧄	10G			Si$	F27as
60#	1S2789	22G						11p	3.0	4.0-6.0;3.0V-25V$	28	47	470M	800m		Si	A339
61	2101							11p§	3.0	5.5;3.0V-20V$	22 ⧄	300	50M		400m	Si#	DO7△
62	2101A							11p§	3.0	5.5;3.0V-20V$	22 ⧄	300	50M		400m	Si#	DO7△
63	2102							11p§	3.0	5.0;3.0V-20V$	22 ⧄	200	50M		400m	Si#	DO7△
64	2102A							11p§	3.0	5.0;3.0V-20V$	22 ⧄	200	50M		400m	Si#	DO7△
65	2103							11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M		400m	Si#	DO7△
66	2103A							11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M		400m	Si#	DO7△
67	BB105							11p	3.0	1.8-2.8Ø	30			1.2		Si$#	
68	BB105A							11p	3.0	4.5;3.0-25V$	30 ⧄	225	100M	800m	400m	Si	A276
69	BB105B							11p	3.0	5.25;3.0-25V$	30 ⧄	225	100M	800m	400m	Si	A276
70	BB105G							11p	3.0	5.0;3.0-25V$	30 ⧄	150	100M	1.2	400m	Si	A276
71#	BB121	20GØ						11p	3.0	4.3-6.0;2.9-25V$	30 ⧄					Si$#	DO35
72#	BB121A	24GØ						11p	3.0	5.5;3.0V-25V$	30 ⧄			800m		Si$#	DO35
73#	BB141A	24G						11p	3.0	4.0-6.0;3.0-25V$	30			800m		Si	DO35△
74#	BB205A							11p	3.0	4.3min;3.0V-25V$	30			800m		Si#	M501
75#	BB205G							11p	3.0	4.3min;3.0V-25V$	30			1.2		Si#	M501
76#	BB221	24G						11p	3.0	5.5;3.0V-25V$	30			800m		Si	DO35
77#	BB222	16G						11p	3.0	5.2;3.0V-25V$	30			1.2		Si	DO35
78#	BBY31	14G						11p	3.0	5.0;3.0-25V$	28	31	470M	1.2		Si#	M500c
79	DKV6533							11p§	3.0	1.4;1.25V-3.0V$	8.0 ⧄	150	50M			Si§#	DO7△
80	DKV6533A							11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M			Si§#	DO7△
81	DKV6533B							11p§	3.0	5.2;3.0V-20V$	22 ⧄	200	50M			Si§#	DO7△
82	DKV6533C							11p§	3.0	5.4;3.0V-20V$	22 ⧄	300	50M			Si§#	DO7△
83	DKV6533D							11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M			Si§#	DO7△
84	DKV6533E							11p§	3.0	5.2;3.0V-20V$	22 ⧄	200	50M			Si§#	DO7△
85	DKV6533F							11p§	3.0	5.4;3.0V-20V$	22 ⧄	300	50M			Si§#	DO7△
86▼	DTH3111,A	15G						11p§%	3.0	5.5;3.0V-20V$	22 ⧄	300	50M	800m⧄	250m	Si▼	DO7△
87▼	DTH3112,A	10G						11p§%	3.0	5.0;3.0V-20V$	22 ⧄	200	50M	900m⧄	250m	Si▼	DO7△
88▼	DTH3113,A	10G						11p§%	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M	900m⧄	250m	Si▼	DO7△
89▼	DTH3114	5.0G						11p§	3.0	10.5-12.5Ø	8.0 ⧄	100	50M	1.8 ⧄	250m	Si▼	DO7△
90#	FC56							11p	3.0	4.0;3.0-25V$	28	30				Si$#	A1da
91	KV2101	17GØ						11p§	3.0	5.5;3.0V-20V$	22 ⧄	300	50M	800m⧄	250m	Si#▼	DO7△
92	KV2101A	17GØ						11p§	3.0	5.5;3.0V-20V$	22 ⧄	300	50M	800m⧄	250m	SOi#▼	DO7△
93	KV2102	15GØ						11p§	3.0	5.0;3.0V-20V$	22 ⧄	200	50M	900m⧄	250m	Si#▼	DO7△
94	KV2102A	15GØ						11p§	3.0	5.0;3.0V-20V$	22 ⧄	200	50M	900m⧄	250m	Si#▼	DO7△
95	KV2103	15GØ						11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M	900m⧄	250m	Si#▼	DO7△
96	KV2103A	15GØ						11p§	3.0	2.3;3.0V-8.0V$	15 ⧄	200	50M	900m⧄	250m	Si#▼	DO7△
97	KV2104	7.0GØ						11p§	3.0	10.5-12.5Ø	8.0 ⧄	100	50M	1.9 ⧄	250m	Si#▼	DO7△
98	KV3101	21GØ						11p§	3.0	5.5;3.0V-25V$	30 ⧄	300	50M	700m⧄	400m	Si#$	M501
99#	MA320							11p△	3.0	4.0;3.0 - 25V$	28			1.2		Si#$	A246△
100#	MV201							11p§	3.0	9.0-14Ø	23 ⧄	160	50M		250m	Si$	DO35
101▼#	SVC151							11p△	3.0	1.7;3.0-9.0V$	23			1.2		Si	A401
102	GC1814							11p	4.0	30-3.0	90	550	50M			Si	F111b†
103	TIV308							11p	4.0	9.0-14Ø	20	200	50M		250m	Si#	DO35
104	VAT76N60	70G						11p†	4.0	5.25;0.0-45V$;7.7%	45 ⧄	1.4k	50M			Si	V8
105	VAT76N74	70G						11p†	4.0	5.25;0.0-45V$;7.7%	45 ⧄	1.4k	50M			Si	V8
106	PH1205-1,2,3,4		5.0G	10G	15G	20G		11p	6.0	8.0 - 14Ø	6.0	⧄	10G			Si$	F58
107	PH1205A,B,C	30G	40G	50G				11p	6.0	8.0-14Ø	6.0	⧄	10G			Si$	F58
108	PH1215-1,2,3,4		5.0G	10G	15G	20G		11p	6.0	8.0 - 14Ø	15	⧄	10G			Si$	F58
109	PH1215A,B,C	30G	40G	50G				11p	6.0	8.0-14Ø	15	⧄	10G			Si$	F58
110	PH1225-1,2,3,4		5.0G	10G	15G	20G		11p	6.0	8.0 - 14Ø	24	⧄	10G			Si$	F58