

10 VOLTAGE VARIABLE CAPACITORS & VARACTOR DIODES

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

LINE No.	TYPE No.	MINIMUM CUTOFF FREQUENCY						TYP. CAP.		CAPACITANCE RANGE (for V = 0 to PIV) Ø - at TEST VOLT.	PIV (V)	Q FACTOR		MAX. SER. RES. Rs (Ω)	MAX. DISS. @ 25°C (W)	DESCRIPTION MAT.	DWG. No.
		(Corresponding to Type Numbers in previous column)						1 CAP. Cj	2 at TEST VOLT			MIN. Q	TEST FREQ (Hz)				
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(Hz)	(F)	(V)								
1	GC1502							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	F111bf	
2	GC1502A							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	F59q	
3	GC1502B							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	F27ah	
4	GC1502D							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	F56q	
5	GC1502E							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	F59j	
6	GC1502H							1.2pF	4.0	3.4:0.0V-30V\$	30	3.6k	50M		Si	S428b	
7	GC1602							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	F111bf	
8	GC1602A							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	F59q	
9	GC1602B							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	F27ah	
10	GC1602D							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	F56q	
11	GC1602E							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	F59j	
12	GC1602H							1.2pF	4.0	4.5:0.0V-45V\$	45	2.0k	50M		Si	S428b	
13	GC1702	60G						1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	F111bf	
14	GC1702A							1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	F59q	
15	GC1702B							1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	F27ah	
16	GC1702D							1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	F56q	
17	GC1702E							1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	F59j	
18	GC1702H							1.2pF	4.0	5.0:0.0V-60V\$	60	1.2k	50M		Si	S428b	
19	GC51109	400G						1.2pF	4.0	2.2-81:10%	15	400	1.0G		GAA\$	F111bf	
20	GC51309	320G						1.2pF	4.0	2.2-65:10%	30	320	1.0G		GAA\$	F111bf	
21	GC51409	290G						1.2pF	4.0	2.2-58:10%	45	290	1.0G		GAA\$	F111bf	
22	GC51609	250G						1.2pF	4.0	2.2-52:10%	60	250	1.0G		GAA\$	F111bf	
23	HA1702A							1.2pF	4.0	5.0:0.0V-30V\$	30	1.2k	50M		Si	F59q	
24	HA1702B							1.2pF	4.0	5.0:0.0V-30V\$	30	1.2k	50M		Si	F27ah	
25	HA1702D							1.2pF	4.0	5.0:0.0V-30V\$	30	1.2k	50M		Si	F56q	
26	HA1702E							1.2pF	4.0	5.0:0.0V-30V\$	30	1.2k	50M		Si	F59j	
27	HA1702H							1.2pF	4.0	5.0:0.0V-30V\$	30	1.2k	50M		Si	S428b	
28	MA45062							1.2pF	4.0	3.6:0.0V-25V\$	35	3.0k	50M		Si\$	F27f	
29	MA45102							1.2pF	4.0	4.5:0.0V-45V\$	55	2.5k	50M		Si\$	F27f	
30	MA45122							1.2pF	4.0	5.0:0.0V-60V\$	75	2.0k	50M		Si\$	F27f	
31	MA45142							1.2pF	4.0	5.7:0.0V-90V\$	100	1.5k	50M		Si\$	F27f	
32	VAT61BN9	75G						1.2pF	4.0	4.0:0.0V-60V\$;8.3%	60	1.5k	50M		Si#\$	V8	
33	VAT61BN11	75G						1.2pF	4.0	4.0:0.0V-60V\$;8.3%	60	1.5k	50M		Si#\$	V8	
34	VAT91BN9	100G						1.2pF	4.0	3.5:0.0V-45V\$;8.2%	45	2.0k	50M		Si#\$	V8	
35	VAT91BN11	100G						1.2pF	4.0	3.5:0.0V-45V\$;8.2%	45	2.0k	50M		Si#\$	V8	
36	VAT261BN18	100G						1.2pF	4.0	4.0:0.0V-60V\$;8.3%	60	2.0k	50M		Si#\$	V8	
37	VAT261BN22	100G						1.2pF	4.0	4.0:0.0V-60V\$;8.3%	60	2.0k	50M		Si#\$	V8	
38	VAT291BN18	130G						1.2pF	4.0	3.5:0.0V-45V\$;8.2%	45	2.6k	50M		Si#\$	V8	
39	VAT291BN22	130G						1.2pF	4.0	3.5:0.0V-45V\$;8.2%	45	2.6k	50M		Si#\$	V8	
40#	BXY26IVo							1.2p	6.0	1.0-1.5Ø	36				Si\$	S393	
41	MA4083							1.2p	6.0	.80 - 1.6	48				Si	F49	
42	MA4084							1.2p	6.0	.80 - 1.6	48				Si	F27d	
43	MA4282							1.2p	6.0		30		20		Si	F3a	
44	MA4341B,1,2	30G	70G	100G				1.2p	6.0	.80 - 1.6	6.0		.30		Si	F3a	
45	MA4361	175G						1.2p	6.0						Si		
46	MA4382							1.2p	6.0						Si\$	F98a	
47	MA44051							1.2p	6.0	800f-1.6pØ	80		700m	8.3	Si\$	F56b	
48#	ML4506	175G						1.2p	6.0	70-1.2Ø	55				Si	F56b	
49#	SFD7422F	100G						1.2p	6.0	1.0-1.5Ø	60				Si	S215b	
50#	SV55B	40G						1.2p	6.0	.80 - 1.6Ø	48		1.0		Si	F27a	
51	VAB824AN20	160G						1.2p	6.0	1.0 - 1.5Ø	45				Si	F27f	
52	VAB825N20	160G						1.2p	6.0	1.0 - 1.5Ø	40		7.0		Si\$	F27f	
53	VAB825N26	160G						1.2p	6.0	1.0 - 1.5Ø	40		7.0		Si\$	F49b	
54	VAB815A2N43	140G						1.2p	12	1.0 - 1.5Ø	140		10		Si	F43b	
55	VAB815A2N49	140G						1.2p	12	1.0 - 1.5Ø	120		10		Si	F43c	
56	VAB824A2N43	145G						1.2p	12	1.0-1.5Ø	90				Si	F43b	
57	VAB824A2N49	145G						1.2p	12	1.0-1.5Ø	90				Si	F43c	
58	VAB815A3N44	140G						1.2p	18	1.0 - 1.5Ø	180			11	Si	F43b	
59	VAB815A3N50	140G						1.2p	18	1.0 - 1.5Ø	180			11	Si	F43c	
60	MA44030	150M						1.2p	-12	700f-1.2Ø	80			8.3	Si\$	S429	
61#	DC4202A	60GØ						1.3p	0.0	4.5:0.20V\$	20	6.0	10G		GA	F121a	
62#	DC4202B	60GØ						1.3p	0.0	6.0:0.30V\$	30	6.0	10G		GA	F121a	
63#	DC4272A	60GØ						1.3p	0.0	4.5:0.20V\$	20	6.0	10G		GA	u7d	
64#	DC4272B	60GØ						1.3p	0.0	6.0:0.30V\$	30	6.0	10G		GA	u7d	
65	GC1803							1.3p	4.0	4.2-42	90	800	50M		Si	F111bf	
66	VAT231BN18	175G						1.3p	4.0	3.5:0.0V-30V\$;8.6%	30	3.5k	50M		Si#\$	V8	
67	VAT231BN22	175G						1.3p	4.0	3.5:0.0V-30V\$;8.6%	30	3.5k	50M		Si#\$	V8	
68	VATC61B	75G						1.3p	4.0	7.5:0.0-60V\$	60	1.5k	50M		Si		
69	VATC91B	100G						1.3p	4.0	6.0:0.0-45V\$	45	2.0k	50M		Si		
70	VATC231B	175G						1.3p	4.0	4.6:0.0-30V\$	30	3.5k	50M		Si		
71	VATC261B	100G						1.3p	4.0	7.5:0.0-60V\$	60	2.0k	50M		Si		
72	VATC291B	130G						1.3p	4.0	6.0:0.0-45V\$	45	2.6k	50M		Si		
73	MA43005							1.3p	10	65-1.3Ø	30			3.5	Si\$	F56b	
74	MA43007							1.3p	10	80-1.3Ø	18			1.3	Si\$	F56	
75	SD1824							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	P3	
76	SD12B24							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	F3a	
77	SD22B24							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	F11	
78	SD32B24							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	F21	
79	SD42B24							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	F9a	
80	SDGP824							1.4p	0.0	1.4 - 2.8	24		9.0		Si\$	D07	
81	VAT82AN9	65G						1.4p	4.0	5.0:0.0V-60V\$;6.8%	60	1.3k	50M		Si#\$	V8	
82	VAT82AN11	65G						1.4p	4.0	5.0:0.0V-60V\$;6.8%	60	1.3k	50M		Si#\$	V8	
83	VAT82AN9	100G						1.4p	4.0	4.0:0.0V-45V\$;7.0%	45	2.0k	50M		Si#\$	V8	
84	VAT82AN11	100G						1.4p	4.0	4.0:0.0V-45V\$;7.0%	45	2.0k	50M		Si#\$	V8	
85	VAT262AN18	90G						1.4p	4.0	5.0:0.0V-60V\$;6.8%	60	1.8k	50M		Si#\$	V8	
86	VAT262AN22	90G						1.4p	4.0	5.0:0.0V-60V\$;6.8%	60	1.8k	50M		Si#\$	V8	
87	VAT292AN18	120G						1.4p	4.0	4.0:0.0V-45V\$;7.0%	45	2.4k	50M		Si#\$	V8	
88	VAT292AN22	120G						1.4p	4.0	4.0:0.0V-45V\$;7.0%	45	2.4k	50M		Si#\$	V8	
89#	KA602G	40GØ						1.4p	6.0	1.2-1.7Ø	45			700m	Si	F58a	
90	MA44050							1.4p	6.0	1.2-1.6Ø	100			10	Si\$	F115	
91	MA44058							1.4p	6.0	1.2-1.6Ø	100			10	Si\$	S356a	
92	PLO192-1,2,3,4		5.0G	10G	15G	20G		1.5p	0.0	1.0-2.0Ø	200		10G		Si\$	F27as	
93#	CXY23B							1.5p	0.0	1.2-1.8	12		2.0		GA	F27av	
94#	GAV15P1							1.5p	0.0	2.8:0.0V-6.0V\$	20	5.0	10G		GA\$	F27af	
95#	GAV15P2							1.5p	0.0	2.8:0.0V-6.0V\$	20	5.0	10G		GA\$	F56j	
96#	PFV101-01							1.5p	0.0	2.1:0.0V-15V\$	15	5.0k	50M		GAA\$	F27as	
97	PFV101-05							1.5p	0.0	2.1:							