

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS

TYPE AFH (85°C)

Twist-Prong

Electrolytic Capacitors

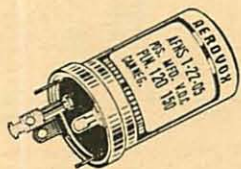
SINGLES • DUALS • TRIPLES • QUADS

The outstanding line of twist-prong electrolytic capacitors with the very latest refinements . . . 85°C operation; improved hermetic sealing; special Types AFHS and PWHS for high ripple current circuits; high-purity aluminum foil construction throughout; either etched or composite-plate depending on electrical requirements. Types PWH and PWHS are special construction for printed wiring.

For use over a wide temperature range with minimum change in capacitance. Designed for filter audio bypass applications in radio-TV and amplifier equipment.

While AFH electrolytics enjoy a tremendous popularity as replacement capacitors for TV receivers, they are rapidly gaining acceptance in many industrial applications.

Capacity tolerances and surge voltage are as listed in EIA Specification No. RS-154.



AFH—SINGLES

AFH No.	Capacity	Voltage	Size
1-00-50	2000	6	1 3/8 x 2
1-01	3000	10	1 3/8 x 3
1-01-25	225	15	3/4 x 2
1-02	1000	15	1 x 3
1-03	2000	15	1 3/8 x 3
1-04	3000	15	1 3/8 x 3
1-05	25	25	3/4 x 2
1-06	40	25	3/4 x 2
1-07	100	25	3/4 x 2
1-08	500	25	1 x 2 1/2
1-10	1000	25	1 3/8 x 2
1-10-10	4	50	3/4 x 2
1-11	100	50	3/4 x 2
1-12	150	50	3/4 x 2
1-13	500	50	1 3/8 x 2 1/2
1-13-05	500	50	1 x 3
1-14	1000	50	1 3/8 x 3 1/2
1-14-50	1500	50	1 3/8 x 4
1-15	25	150	1 x 2
1-16	30	150	1 x 2
1-17	40	150	1 x 2
1-18	50	150	1 x 2
1-19	60	150	1 x 2
1-20 AFHS	80	150	1 x 2
1-21	100	150	1 x 2
1-22 AFHS	120	150	1 x 3
1-22-05 AFHS	120	150	1 3/8 x 2 1/2
1-23 AFHS	140	150	1 x 3
†1-23-01 PWHS	140	150	1 x 3
1-24	150	150	1 x 3
1-24-24 AFHS	200	150	1 x 3 1/2
1-24-25 AFHS	200	150	1 3/8 x 2 1/2
1-24-75 AFHS	300	150	1 3/8 x 3
†1-24-95 PWH	375	165	1 3/8 x 3 1/2
1-25	40	200	1 x 2
†1-25-75 PWH	160	200	1 3/8 x 3
1-26	15	250	1 x 2
1-27	20	250	3/4 x 2
1-28	30	250	3/4 x 2
1-29	40	250	1 x 2

†—Special construction for printed wiring.

AFH—SINGLES—(Continued)

AFH No.	Capacity	Voltage	Size
1-30	60	250	1 x 2 1/2
1-31	80	250	1 x 3
1-31-25	100	250	1 x 3
1-31-75	150	250	1 3/8 x 2 1/2
1-32	15	300	1 x 2
1-33	30	300	1 x 2
1-34	50	300	1 x 2 1/2
1-35	80	300	1 x 3
1-36	100	300	1 x 3 1/2
1-36-05 AFHS	100	300	1 3/8 x 2 1/2
1-37	125	300	1 3/8 x 3
1-37-25 AFHS	150	300	1 3/8 x 3
1-37-30 AFHS	200	300	1 3/8 x 3 1/2
1-38	15	350	1 x 2
1-39	30	350	1 x 2
1-40	40	350	1 x 2 1/2
1-41	50	350	1 x 3
1-42	80	350	1 3/8 x 2 1/2
1-42-10 AFHS	90	350	1 3/8 x 3
1-43 AFHS	125	350	1 3/8 x 3
1-43-20	150	350	1 3/8 x 3 1/2
1-43-80 AFHS	320	350	1 3/8 x 4 1/2
1-44	10	400	3/4 x 2
1-45	20	400	1 x 2
1-46	40	400	1 3/8 x 2
1-47	80	400	1 3/8 x 2 1/2
1-48	10	450	1 x 2
1-49	15	450	1 x 2
1-50	20	450	1 x 2
1-51	30	450	1 x 2 1/2
1-52	40	450	1 x 3
1-53	50	450	1 x 3
1-54	60	450	1 3/8 x 2 1/2
1-55	80	450	1 3/8 x 3
1-55-20	100	450	1 3/8 x 3
1-55-25	125	450	1 3/8 x 4
1-56	30	475	1 x 3
1-56-10	40	475	1 3/8 x 2
1-57	90	475	1 3/8 x 3 1/2
1-58	10	500	1 x 2
1-59	20	500	1 x 2 1/2
1-60	30	500	1 x 3
1-61	40	500	1 x 3 1/2
1-62	80	500	1 3/8 x 3
1-63	90	500	1 3/8 x 3 1/2
1-64	10	525	1 x 2
1-65	10 ohm-30 cps	3 VNP	3/4 x 2
1-66	0.5 ohm-15,750 cps	3 VNP	1 x 2
1-67	1 ohm-60 cps	3 VNP	1 3/8 x 3

DUALS

AFH No.	Capacity	Voltage	Size
2-01	1000-500	6NP	1 3/8 x 2
2-02	1000-1000	15	1 x 3 1/2
2-02-05	250-250	16	1 x 2
2-02-10	500-100	16	1 x 2
†2-02-60 PWH	800-250	16	1 x 2 1/2
2-02-70	1000-500	16	1 x 2 1/2
†2-02-75 PWH	500-200	18	1 x 2
2-03	20-20	25	1 x 2
2-04	40-40	25	1 x 2
2-05	150-50	25	1 x 2
†2-05-25 PWH	250-250	25	1 x 2 1/2
2-06	50-50	50	1 x 2
2-06-20	100-100	50	1 x 2
2-07	20-10	150	1 x 2
2-08	20-20	150	1 x 2
2-09	30-15	150	1 x 2
2-10	30-20	150	1 x 2



AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

DUALS — (Continued)

AFH No.	Capacity	Voltage	Size
2-11	30-30	150	1x2
2-12	40-20	150	1x2
2-13	40-30	150	1x2
2-14	40-40	150	1x2
2-15	50-30	150	1x2
†2-15-05 PWH	50-30	150	1x2
2-16	50-50	150	1x2½
2-17	60-60	150	1x3
†2-17-50 PWH	70-30	150	1x2
2-18	75-75	150	1x3
2-19	80-40	150	1x3
†2-19-05 PWH	80-40	150	1x3
2-20	80-80	150	1½x2
2-20-50	125-100	150	1½x2½
2-21 AFHS	200-5	150	1½x2½
†2-21-01 PWHs	200-5	150	1½x3
2-22	200-125	150	1½x3
2-22-50	200-150	150	1½x3
2-23	200-200	150	1½x3
2-24	60-60	200	1½x2
2-24-20 AFHS	100-100	200	1½x3
2-24-75	200-5	200	1½x3
2-25	10-10	250	1x2
2-26	20-20	250	1x2
2-27	30-30	250	1x2½
2-28	40-20	250	1x2½
2-29	40-40	250	1x3
2-30 AFHS	150-150	250	1½x4
2-30-25 AFHS	200-15	250	1½x3½
2-30-75 AFHS	200-200	250	1½x4½
2-31	10-10	300	1x2
†2-31-01 PWH	10-10	300	1x2
†2-31-02 PWH	10-10	300	1½x2
2-32	15-15	300	1x2
2-33	50-50	300	1½x2½
2-33-75	80-60	300	1½x2½
2-34	80-80	300	1½x3
2-35	120-20	300	1½x3
2-35-50 AFHS	200-80	300	1½x4
2-36	15-15	350	1x2
2-37	20-20	350	1x2½
2-38	30-20	350	1x3
2-39	30-30	350	1x3
2-40	50-30	350	1½x2½
2-40-80	80-40	350	1½x3
2-41	80-80	350	1½x3½
2-41-10	90-40	350	1½x3
2-41-50	100-100	350	1½x4
2-41-80 AFHS	160-10	350	1½x3
2-43	15-15	400	1x2½
2-43-30	30-10	400	1x3
2-44	60-60	400	1½x3½
2-44-90	75-75	400	1½x4
2-45	80-10	400	1½x3
2-45-10	80-20	400	1½x3
2-45-40	80-60	400	1½x4
2-45-50 AFHS	80-80	400	1½x4
2-45-60	120-40	400	1½x4
2-46	5-5	450	1x2
2-47	10-10	450	1x2
2-48	15-10	450	1x2½
2-49	15-15	450	1x2½
2-50	20-10	450	1x2½
2-51	20-20	450	1x3
2-52	30-10	450	1x3
2-53	30-15	450	1½x2
2-54	30-30	450	1½x2
2-56	40-20	450	1½x2½
2-57	40-40	450	1½x3
2-58	50-40	450	1½x3

DUALS — (Continued)

AFH No.	Capacity	Voltage	Size
2-59	50-50	450	1½x3
2-60	60-20	450	1½x3
2-61	60-40	450	1½x3½
2-61-50	60-60	450	1½x4
2-62	80-10	450	1½x3
2-63	80-20	450	1½x3½
2-64	80-40	450	1½x3½
2-64-25	100-40	450	1½x4
2-64-50	15-15	475	1x2½
2-65	30-10	475	1½x2
2-66	40-10	475	1½x2½
2-66-50	80-40	475	1½x4
2-66-60	80-50	475	1½x4
2-67	10-10	500	1x2½
2-69	20-20	500	1½x2½
2-71	30-10	500	1½x2½
2-71-90	40-25	500	1½x3
2-72	40-40	500	1½x3
2-73	60-40	500	1½x3½
2-74	250/1000	10/6	1½x2
2-75	250/2000	10/6	1½x2
2-75-45 PWH	1000/1000	16/10	1x2½
2-75-50	1500/1000	16/10	1½x2
2-76	50/500	150/5	1x3
2-77-05	50/1000	150/10	1x2
2-78	40/150	150/25	1x2
2-78-10	50/150	150/25	1x2½
2-78-25	150/100	150/25	1½x2½
2-78-30	40/20	150/50	1x2
2-78-60 AFHS	150/50	150/50	1x3½
2-79	40/20	250/25	1x2
2-80	50/100	250/50	1½x2
2-81	100/150	250/50	1½x3
2-81-80	35/500	300/6	1x2½
†2-81-95 PWH	2/20	300/25	1x2
2-82	20/20	300/25	1x2
2-82-30	20/40	300/50	1x3
2-82-55	150/100	300/150	1½x4
2-82-57	100/100	300/200	1x4
2-82-60	20/60	300/250	1x3
2-84	20/20	350/25	1x2
2-85	40/20	350/25	1x2½
2-85-70	5/75	350/150	1x3
2-86	40/10	350/200	1½x2
2-86-15	40/10	350/250	1x3
2-86-30	60/80	350/250	1½x3½
2-86-40	30/30	350/300	1x3
2-86-45	35/100	400/50	1x3
2-86-60	40/100	400/50	1½x2
2-86-70	100/30	400/50	1½x3
2-86-75	60/80	400/250	1½x4
2-86-85 AFHS	4/140	400/300	1½x3
2-86-95	100/80	400/350	1½x4
2-87	10/20	450/25	1x2
2-88	20/20	450/25	1x2
2-89	40/20	450/25	1x3
2-90	80/20	450/25	1½x3
2-90-50	50/100	450/50	1½x2½
2-91	80/50	450/50	1½x3
2-91-50	80/100	450/50	1½x3
2-92	10/50	450/100	1½x2
2-93	20/100	450/100	1½x2
2-94	30/40	450/150	1½x2
2-94-30	30/200	450/150	1½x3
2-94-45	80/40	450/200	1½x3
2-94-60	20/50	450/250	1x3
2-94-75 AFHS	20/150	450/250	1½x3
2-94-85	90/200	450/250	1½x4
2-94-90	10/100	450/350	1½x3
2-95	20/80	450/350	1½x3
2-96	40/10	450/350	1½x2
2-97	40/40	450/350	1½x3
2-99	75/50	475/50	1½x3
2-99-75	40/80	475/200	1½x2½



†—Special construction for printed wiring.

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

DUALS — (Continued)

AFH No.	Capacity	Voltage	Size
2-99-90 AFHS	80/80	475/250	1 3/8 x 4
2-100	20/100	475/300	1 3/8 x 3
2-100-50	20/100	475/400	1 3/8 x 4
2-101	40/40	475/400	1 3/8 x 3
2-101-75	80/20	475/400	1 3/8 x 3 1/2
2-102	80/50	500/50	1 3/8 x 3 1/2
2-103	60/80	500/150	1 3/8 x 3
2-104	40/50	500/200	1 3/8 x 3
2-105	15/20	500/300	1 x 2 1/2
2-106	20/100	500/300	1 3/8 x 3
2-107	40/40	500/400	1 3/8 x 3
2-108	0.5 ohm-15,750 cps	12	1 3/8 x 2
	2.5 ohm-60 cps	6	

TRIPLES

AFH No.	Capacity	Voltage	Size
3-00-50	1500-1500-1500	3	1 x 3 1/2
†3-00-80 PWH	250-250-50	16	1 x 2
3-00-90	400-100-100	16	1 x 2
†3-00-93 PWH	500-250-50	16	1 x 2
3-00-95	500-500-100	16	1 x 2
3-00-97	1000-500-20	16	1 3/8 x 2
3-01	20-20-20	25	1 x 2
3-02	40-40-40	25	1 x 2
3-03	30-30-30	50	1 x 2
3-05	20-20-20	150	1 x 2
†3-05-50 PWH	30-25-20	150	1 x 2
3-06	30-30-10	150	1 x 2
3-07	40-20-10	150	1 x 2
3-08	40-20-20	150	1 x 2
3-09	40-30-20	150	1 x 2
3-10	40-40-40	150	1 x 2 1/2
3-11-20	50-40-10	150	1 x 2 1/2
†3-11-30 PWH	50-40-30	150	1 x 2 1/2
3-11-40	50-50-30	150	1 x 3
3-11-50	50-50-50	150	1 x 3
3-12	60-40-20	150	1 x 3
†3-12-10 PWH	70-15-15	150	1 x 2
3-12-20	70-40-40	150	1 x 3
3-13	80-40-20	150	1 x 3
3-13-15	120-80-40	150	1 3/8 x 3
3-13-30	120-120-40	150	1 3/8 x 3
3-13-50	200-100-60	150	1 3/8 x 3 1/2
3-13-60	300-100-80	150	1 3/8 x 4
3-13-75	200-150-150	200	1 3/8 x 4
3-13-90 AFHS	250-200-10	200	1 3/8 x 4
3-14	15-15-10	250	1 x 2
3-17	20-20-10	250	1 x 2
3-17-10	20-20-20	250	1 x 2 1/2
3-17-50	30-15-15	250	1 x 2 1/2
3-18	30-20-10	250	1 x 2 1/2
3-19	40-20-10	250	1 x 3
3-20	40-20-20	250	1 x 3
3-21	80-80-60	250	1 3/8 x 3
3-22	10-10-10	300	1 x 2
3-25	60-20-10	300	1 3/8 x 2
3-25-40	80-20-10	300	1 3/8 x 2 1/2
3-25-50	80-40-40	300	1 3/8 x 3 1/2
3-25-75	100-20-10	300	1 3/8 x 3
3-26	120-50-40	300	1 3/8 x 4
†3-26-50 PWH	150-100-30	300	1 3/8 x 4
3-27	10-10-10	350	1 x 2 1/2
3-28	20-20-10	350	1 x 3
3-28-30	30-20-10	350	1 x 2 1/2
3-29	60-40-20	350	1 3/8 x 3 1/2
3-29-25	60-50-50	350	1 3/8 x 4
3-29-50	80-60-60	350	1 3/8 x 4

†—Special construction for printed wiring.

TRIPLES — (Continued)

AFH No.	Capacity	Voltage	Size
3-29-75	90-40-20	350	1 3/8 x 4
3-29-85	100-100-10	350	1 3/8 x 4
3-29-95	120-40-40	350	1 3/8 x 4
3-29-98	140-140-20	350	1 3/8 x 4
3-30	10-10-10	400	1 x 2 1/2
3-30-30	40-10-4	400	1 x 3 1/2
3-30-35	40-10-10	400	1 x 3
3-30-60	80-20-10	400	1 3/8 x 3
3-30-75	90-10-5	400	1 3/8 x 3
3-31	10-10-10	450	1 x 3
3-33	15-15-10	450	1 x 3
3-34	15-15-15	450	1 x 3
3-35	20-10-10	450	1 x 3
3-36	20-20-20	450	1 3/8 x 2 1/2
3-37	30-20-20	450	1 3/8 x 3
3-37-95	30-30-10	450	1 3/8 x 3
3-38	30-30-20	450	1 3/8 x 3
3-39	30-30-30	450	1 3/8 x 3
3-41	40-10-10	450	1 3/8 x 3
3-42	40-30-20	450	1 3/8 x 3
3-43	40-40-10	450	1 3/8 x 3
3-43-50	40-40-20	450	1 3/8 x 3
3-44	40-40-40	450	1 3/8 x 3 1/2
3-44-50	50-40-30	450	1 3/8 x 4
3-45	60-20-20	450	1 3/8 x 3 1/2
3-45-10	60-30-10	450	1 3/8 x 3
3-45-25	60-40-20	450	1 3/8 x 3 1/2
3-45-50	80-40-10	450	1 3/8 x 4
3-46	80-40-20	450	1 3/8 x 4
3-47	10-10-10	475	1 x 3
3-47-50	20-20-10	475	1 x 3 1/2
3-48	30-20-20	475	1 3/8 x 3
3-49	30-30-10	475	1 3/8 x 3
3-49-10	30-30-20	475	1 3/8 x 3
3-50	40-10-10	475	1 3/8 x 3
3-50-05	40-20-20	475	1 3/8 x 3
3-50-07	40-30-10	475	1 3/8 x 3
3-50-10	40-30-30	475	1 3/8 x 4
3-51	10-10-10	500	1 x 3
3-52	30-20-20	500	1 3/8 x 3
3-53	40-10-10	500	1 3/8 x 3
3-54	40-40-10	500	1 3/8 x 3 1/2
3-54-30	850-400/4	16/11.5RMS	1 x 2 1/2
3-54-40	1000-500/4	16/11.5RMS	1 3/8 x 2
3-54-50	5/500-200	25/16	1 x 2
3-55	100/50-25	100/25	1 x 3
3-57	15-15/1200	150/2	1 x 2
3-58	30-20/100	150/6	1 x 2
3-59	20-20/100	150/10	1 x 2
3-60	20-20/250	150/10	1 x 2
3-61	30-30/200	150/10	1 x 2
3-62	40-20/150	150/10	1 x 2
3-63	40-20/200	150/10	1 x 2 1/2
3-64	40-20/250	150/10	1 x 2 1/2
†3-64-40 PWH	70-30/100	150/10	1 x 2 1/2
3-64-50	80-20/200	150/10	1 3/8 x 2
3-64-60	80-30/300	150/10	1 3/8 x 2
†3-64-65 PWH	80-60/250	150/10	1 x 3
†3-64-70 PWH	80-60/400	150/10	1 x 3
†3-64-75 PWH	90-40/400	150/10	1 x 3
3-64-85 AFHS	100-80/200	150/10	1 3/8 x 2 1/2
3-65	20/250-100	150/15	1 3/8 x 2
3-66	80-20/100	150/15	1 3/8 x 2
3-67	20-20/20	150/25	1 x 2
3-68	20-20/200	150/25	1 x 3
3-69	30-20/20	150/25	1 x 2
3-70	30-30/20	150/25	1 x 2
3-72	40-20/20	150/25	1 x 2
3-73	40-20/100	150/25	1 x 3
3-74	40-20/200	150/25	1 x 3
3-75	40-30/20	150/25	1 x 2 1/2
3-76	40-40/20	150/25	1 x 2 1/2



AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

TRIPLES — (Continued)

AFH No.	Capacity	Voltage	Size
3-76-50	40-40/200	150/25	1x3
3-76-55	40-40/250	150/25	1x3
3-77	50-30/20	150/25	1x2½
3-78	50-30/100	150/25	1x3
3-79	50-50/20	150/25	1x3
3-80	60-20/20	150/25	1x2
3-81	60-40/20	150/25	1x2½
†3-81-50 PWH	70-30/20	150/25	1x2½
3-82	80-40/20	150/25	1x2½
3-82-40	80-40/300	150/25	1½x2½
3-83	120-60/20	150/25	1½x2½
3-83-10	10/10-4	150/50	1x2
3-83-95	300-80/200	150/50	1½x4
3-84	30-20/20	200/25	1x2
3-84-50	60-5/20	200/50	1x2½
3-85	90-90/20	200/50	1½x3
3-86	100-10/40	200/50	1½x2
3-86-50	30-20/40	200/150	1x2½
3-86-80 AFHS	60/200-140	200/150	1½x4
3-86-90	10-10/100	250/10	1x2
3-87	15-15/20	250/25	1x2
3-88	20-15/20	250/25	1x2
3-89	30-30/20	250/25	1x2½
3-90	70-70/20	250/50	1½x3
3-91	90-90/20	250/50	1½x3
3-92	15/20-20	250/150	1x2
3-93	40-20/10	250/150	1½x2
3-94 AFHS	40-40/10	250/200	1½x2
3-95	80-80/60	250/200	1½x3½
3-96-20 AFHS	10/500-500	300/15	1½x2
3-97	20-20/20	300/25	1x2
3-98	40-15/20	300/25	1x2½
†3-98-60 PWH	60-10/25	300/25	1½x2
3-98-80	100-10/20	300/25	1½x3
3-98-90 AFHS	140-10/100	300/25	1½x3½
3-99	30-30/25	300/50	1x3
3-99-75	100-10/60	300/50	1½x2½
3-99-80 AFHS	125-20/100	300/50	1½x3½
3-99-82	125-60/40	300/50	1½x4
3-99-83	140-100/60	300/50	1½x3½
3-99-85	200-20/10	300/100	1½x4
3-99-95	20/150-80	300/150	1½x3
3-100	40-40/20	300/150	1½x2
3-100-20	60/200-30	300/150	1½x4
3-100-40 AFHS	100/200-30	300/150	1½x4
3-100-60	140-10/200	300/150	1½x4
3-101	10-10/15	300/250	1x2
3-101-20	60/30-30	300/250	1½x2½
3-101-40	100/60-20	300/250	1½x3½
3-101-60	200/60-20	300/250	1½x4
3-102-90	5/100-40	350/25	1x2
3-103	10-10/20	350/25	1x2
3-104	15-10/20	350/25	1x2
3-105	15-15/20	350/25	1x2½
3-105-50	20-5/100	350/25	1x3
3-106	20-10/20	350/25	1x2½
3-107	20-20/20	350/25	1x2½
3-107-50 AFHS	20/50-50	350/25	1x2
3-108	30-10/20	350/25	1x2½
3-109	30-20/20	350/25	1x3
3-110	30-30/20	350/25	1½x2
3-110-50	40-20/50	350/25	1x2½
3-111	40-40/50	350/25	1½x2½
3-111-50	90-40/50	350/25	1½x3½
3-111-85 AFHS	200-10/50	350/25	1½x4
3-111-90	10-5/30	350/50	1x2
3-112	10-5/150	350/50	1x3
3-112-10	20-5/150	350/50	1x3
3-112-20	20-10/100	350/50	1x3½
3-112-50	60-5/20	350/50	1x2½
3-112-60 AFHS	80-40/400	350/50	1½x4

TRIPLES — (Continued)

AFH No.	Capacity	Voltage	Size
3-112-75	150-4/30	350/50	1½x3
3-112-80	30-20/100	350/75	1½x2½
3-113	40-20/10	350/100	1½x2
3-114-50	30-20/100	350/150	1½x2½
3-114-52	40-20/10	350/150	1x3
3-114-55	40/200-100	350/150	1½x3½
3-114-58	60/200-30	350/150	1½x4
3-114-60	10/40-40	350/200	1x3
3-114-70	30-5/100	350/200	1½x2½
3-114-80	80-40/100	350/200	1½x3
3-115	20-10/5	350/250	1x2½
3-116	30/20-10	350/250	1x3
3-117	30-10/20	350/250	1x3
3-118	100-60/20	350/250	1½x4
3-119	15-15/40	400/25	1x2½
3-120	20-20/20	400/25	1x3
3-121	30-10/150	400/50	1½x2½
3-122	80-40/150	400/50	1½x4
3-122-30	100-10/20	400/50	1½x3½
3-122-80	40/200-60	400/200	1½x4
3-123	80/20-10	400/300	1½x3½
3-123-10	20-10/10	400/350	1x3
3-123-30	20-10/40	400/350	1x4
3-123-40	20-20/10	400/350	1x3
3-123-65	60-30/20	400/350	1½x3
3-123-80	80-20/10	400/350	1½x3
3-123-90	100-10/80	400/350	1½x4
3-124	10-10/10	450/25	1x2
3-125	10-10/20	450/25	1x2
3-127	15-15/20	450/25	1x2½
3-127-10	15-15/40	450/25	1x2½
3-127-30	20-10/20	450/25	1x2½
3-128	20-15/20	450/25	1x3
3-129	20-20/20	450/25	1x3
3-129-50	20/500-500	450/25	1½x3½
3-130	30/100-25	450/25	1½x2
3-131	30-30/20	450/25	1½x2½
3-131-30	30-30/125	450/25	1½x3
3-132	40-20/20	450/25	1½x2½
3-133	40-40/20	450/25	1½x3
3-134	40-40/40	450/25	1½x3
3-134-50	80-10/125	450/25	1½x3
3-135	80-40/100	450/25	1½x4
3-136	10-10/40	450/50	1x2½
3-137	20-10/40	450/50	1x3
3-138	20-10/50	450/50	1x3
3-138-30	30-10/150	450/50	1½x2½
3-138-40	30-15/150	450/50	1½x3
3-139	30-30/40	450/50	1½x3
3-139-50	35-25/100	450/50	1½x3
3-139-75	40-10/40	450/50	1½x2½
3-140	40-10/100	450/50	1½x3
3-140-50	40-30/25	450/50	1½x2½
3-141	40-40/80	450/50	1½x3½
3-142	40-40/100	450/50	1½x3½
3-142-20	60-40/75	450/50	1½x4
3-142-40	80-20/100	450/50	1½x4
3-142-50	80-80/50	450/50	1½x4
3-142-60	80/100-20	450/50	1½x3
3-142-80	30-30/125	450/75	1½x3
3-143	10-10/50	450/100	1½x2
3-144	30-20/30	450/150	1½x2½
3-145	40/90-50	450/150	1½x3
3-146	40-10/80	450/150	1½x3
3-147	40-40/40	450/150	1½x3½
3-148	40-10/80	450/200	1½x3
3-148-40	40-40/60	450/200	1½x3½
3-148-50	40-40/100	450/200	1½x4



†—Special construction for printed wiring.

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

TRIPLES — (Continued)

AFH No.	Capacity	Voltage	Size
3-148-80	10/80-80	450/250	1 $\frac{3}{8}$ x3
3-149	20/40-10	450/250	1 $\frac{3}{8}$ x2
3-149-35	80/40-40	450/250	1 $\frac{3}{8}$ x4
3-149-40	5/80-40	450/300	1 $\frac{3}{8}$ x3
3-149-60	10/100-20	450/300	1 $\frac{3}{8}$ x3
3-149-80	15-10/120	450/300	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-150	15-15/10	450/300	1x3
3-151	20/15-10	450/300	1x3
3-152	15-5/15	450/350	1x3
3-152-50	20/15-15	450/350	1x3
3-153	20-20/60	450/350	1 $\frac{3}{8}$ x3
3-153-30	20/40-10	450/350	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-153-60	20/80-10	450/350	1 $\frac{3}{8}$ x3
3-154	40-10/10	450/350	1 $\frac{3}{8}$ x2
3-154-20	40-40/60	450/350	1 $\frac{3}{8}$ x4
3-154-30	40-40/80	450/350	1 $\frac{3}{8}$ x4
3-154-40	50-5/50	450/350	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-154-60	60/20-20	450/350	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-155-15	10-10/150	475/50	1x3
3-155-30	25-10/20	475/50	1x3
3-155-45	40/80-10	475/300	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-155-52	20/20-10	475/350	1x3 $\frac{1}{2}$
3-155-60	20-10/100	475/400	1 $\frac{3}{8}$ x4
3-155-75	40/80-10	475/450	1 $\frac{3}{8}$ x4
3-155-90	30-20/20	500/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-156	10-10/100	500/50	1x3 $\frac{1}{2}$
3-157	20-10/100	500/50	1x4
3-158	30-10/20	500/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-159	40-40/100	500/200	1 $\frac{3}{8}$ x4
3-160	10-10/5	500/350	1x2 $\frac{1}{2}$
3-160-50	10/40-40	500/450	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-161	20-20/60	500/450	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-162	40/25/130	150/25/15	1x3
3-162-80	50/100/25	150/50/25	1x2 $\frac{1}{2}$
3-163	100/50/25	150/50/25	1x3
3-164	80/40/50	250/150/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
†3-164-50 PWH	10/10/20	300/50/25	1x2
3-165	100/60/20	300/150/25	1 $\frac{3}{8}$ x3
3-165-30 AFHS	140/200/100	300/150/50	1 $\frac{3}{8}$ x4
3-165-70 AFHS	100/60/200	300/200/150	1 $\frac{3}{8}$ x4
†3-165-80 PWHs	150/60/200	300/200/150	1 $\frac{3}{8}$ x4
3-165-90	30/25/100	350/25/6	1x2 $\frac{1}{2}$
3-166	20/50/100	350/100/75	1x3
†3-166-25 PWH	125/5/100	350/150/10	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-167	10/50/100	350/150/50	1x3
3-167-25 AFHS	40/80/500	350/200/25	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-167-50	125/5/100	350/200/75	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-168	50/10/500	350/250/5	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-168-50	100/40/5	350/250/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-169	30/30/20	350/300/25	1x3
3-169-50	30/50/20	350/300/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-169-90	10/40/5	350/300/150	1x2 $\frac{1}{2}$
3-170	20/40/10	350/300/150	1x3 $\frac{1}{2}$
3-170-50	40/20/10	350/300/200	1 $\frac{3}{8}$ x2
3-171	60/40/20	400/300/25	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-172	10/40/10	400/300/150	1 $\frac{3}{8}$ x2
3-173	55/50/80	400/300/250	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-174	10/50/30	400/350/25	1x3
3-174-50	80/80/100	400/350/50	1 $\frac{3}{8}$ x4
3-175	10/50/100	450/150/25	1x3
3-176	40/40/130	450/150/50	1 $\frac{3}{8}$ x3
3-177	40/100/50	450/150/50	1 $\frac{3}{8}$ x3
3-177-20	10/50/100	450/150/75	1x3
3-177-40	20/50/100	450/150/75	1 $\frac{3}{8}$ x2
3-177-50	10/100/200	450/200/25	1x3 $\frac{1}{2}$
3-177-60	10/100/100	450/200/50	1x3 $\frac{1}{2}$
3-177-80	20/80/50	450/200/150	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-178	20/60/100	450/250/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-178-25	10/10/50	450/250/50	1x2 $\frac{1}{2}$
3-178-60 AFHS	50/160/50	450/250/50	1 $\frac{3}{8}$ x4

†—Special construction for printed wiring.

TRIPLES — (Continued)

AFH No.	Capacity	Voltage	Size
3-179	10/40/10	450/300/150	1 $\frac{3}{8}$ x2
3-179-50	30/10/10	450/300/150	1x3
3-180	10/10/20	450/350/25	1x2
3-180-50	10/10/50	450/350/25	1x3
3-181	30/15/40	450/350/25	1x3
3-181-50	30/40/50	450/350/25	1x4
3-182	20/80/100	450/350/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
3-182-80	80/50/100	450/350/200	1 $\frac{3}{8}$ x4
3-183	15/20/20	450/350/250	1 $\frac{3}{8}$ x2
3-184	20/15/10	450/350/300	1x3
3-185	10/30/150	450/400/5	1x3
3-186	30/50/40	450/400/25	1 $\frac{3}{8}$ x3
3-186-80	60/80/20	450/400/250	1 $\frac{3}{8}$ x4
3-186-90	4/40/40	450/400/300	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-187	10/30/30	450/400/300	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-187-20	60/80/20	450/400/350	1 $\frac{3}{8}$ x4
3-187-25	20/50/20	475/50/25	1x3
3-187-50	20/10/500	475/150/25	1 $\frac{3}{8}$ x3
3-187-75	80/80/50	475/150/50	1 $\frac{3}{8}$ x4
3-188	10/100/40	475/200/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-188-50	40/40/100	475/250/100	1 $\frac{3}{8}$ x3
3-189	20/20/40	475/300/25	1 $\frac{3}{8}$ x2
3-189-40	10/4/100	475/350/50	1x2 $\frac{1}{2}$
3-189-60	20/10/5	475/350/150	1x2 $\frac{1}{2}$
3-189-70	10/4/40	475/350/300	1 $\frac{3}{8}$ x2
3-190	40/40/25	475/450/50	1 $\frac{3}{8}$ x3
3-190-80	10/45/100	475/450/200	1 $\frac{3}{8}$ x3
3-191	10/100/40	500/200/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-192	40/40/100	500/250/50	1 $\frac{3}{8}$ x3
3-193	20/20/40	500/300/25	1 $\frac{3}{8}$ x2
3-193-25	20/40/100	500/300/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
3-193-75	5/100/200	500/300/150	1 $\frac{3}{8}$ x4
3-194	40/40/25	500/400/50	1 $\frac{3}{8}$ x3



QUADS

AFH No.	Capacity	Voltage	Size
4-01	40-40-40-30	150	1 $\frac{3}{8}$ x2
4-01-40	100-80-60-40	150	1 $\frac{3}{8}$ x3
4-01-55 AFHS	200-200-60-30	175	1 $\frac{3}{8}$ x4
4-01-60	40-40-40-40	200	1 $\frac{3}{8}$ x2
4-01-80	40-20-10-10	300	1 $\frac{3}{8}$ x2
4-02	40-40-20-10	300	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-02-10	40-40-30-20	300	1 $\frac{3}{8}$ x3
4-02-20	60-20-10-5	300	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-02-30	60-40-10-10	300	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-02-45	80-60-20-10	300	1 $\frac{3}{8}$ x4
4-02-60	100-40-20-20	300	1 $\frac{3}{8}$ x4
4-02-70 AFHS	140-100-20-20	300	1 $\frac{3}{8}$ x4 $\frac{1}{2}$
*4-02-75 AFHS	150-100-10-5	300	1 $\frac{3}{8}$ x4
4-02-80	150-150-30-30	300	1 $\frac{3}{8}$ x5
4-02-90	200-20-20-20	300	1 $\frac{3}{8}$ x4
4-03	10-10-10-10	350	1 $\frac{3}{8}$ x2
4-04	40-20-20-10	350	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-04-50	40-40-40-40	350	1 $\frac{3}{8}$ x4
4-05	80-10-10-10	350	1 $\frac{3}{8}$ x3
4-05-50	80-40-10-4	350	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-05-60	100-40-10-10	350	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-05-70	100-40-20-20	350	1 $\frac{3}{8}$ x4
4-06	30-30-20-20	400	1 $\frac{3}{8}$ x3
4-06-25	40-35-10-10	400	1 $\frac{3}{8}$ x3
4-06-40	50-40-30-20	400	1 $\frac{3}{8}$ x4
4-06-75	80-10-10-10	400	1 $\frac{3}{8}$ x3
4-07	80-20-10-10	400	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-08	100-40-10-10	400	1 $\frac{3}{8}$ x4
4-09	5-5-5-5	450	1 $\frac{3}{8}$ x2
4-10	10-10-10-10	450	1 $\frac{3}{8}$ x2
4-13	20-10-10-10	450	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-14	20-20-20-20	450	1 $\frac{3}{8}$ x3
4-15	30-15-15-15	450	1 $\frac{3}{8}$ x3
4-15-10	30-20-20-10	450	1 $\frac{3}{8}$ x3



*Last section to be supplied at 10 MFD when present stock is depleted.

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

QUADS — (Continued)

AFH No.	Capacity	Voltage	Size
4-15-20	30-30-15-10	450	1 3/8 x 3
4-15-30	30-30-20-20	450	1 3/8 x 3
4-15-40	30-30-30-15	450	1 3/8 x 4
4-16	35-35-10-5	450	1 3/8 x 3 1/2
4-17	40-10-10-10	450	1 3/8 x 3
4-18	40-20-10-10	450	1 3/8 x 3
4-18-10	40-35-10-10	450	1 3/8 x 3
4-18-20	40-40-5-5	450	1 3/8 x 4
4-18-30	40-40-20-20	450	1 3/8 x 4
4-18-40	40-40-30-30	450	1 3/8 x 4
4-18-45	40-40-40-40	450	1 3/8 x 4
4-18-50	60-20-20-20	450	1 3/8 x 4
4-18-60	60-30-10-2	450	1 3/8 x 3
4-18-75	70-10-10-5	450	1 3/8 x 3
4-18-80	80-10-10-10	450	1 3/8 x 4
4-19	10-10-10-10	475	1 3/8 x 2
4-19-10	20-20-10-10	475	1 3/8 x 2 1/2
4-19-20	20-20-20-20	475	1 3/8 x 3
4-19-40	40-10-10-10	475	1 3/8 x 3
4-19-50	40-20-10-10	475	1 3/8 x 3
4-20	10-10-10-10	500	1 3/8 x 2
4-20-50	40-40-8-8	500	1 3/8 x 4
4-20-75	750-600-350/4	16/11.5 RMS	1 3/8 x 2
4-20-77	750-750-350/4	16/11.5 RMS	1 3/8 x 2
4-21	30-20-20/200	150/10	1 3/8 x 2
4-22	40-40-20/200	150/10	1 3/8 x 2
4-23	60-40-20/200	150/10	1 3/8 x 2
4-23-50 AFHS	80-80-10/200	150/10	1 3/8 x 2 1/2
4-23-70	200-30-10/100	150/10	1 3/8 x 3 1/2
†4-23-72 PWH	290-30-10/100	150/10	1 3/8 x 3 1/2
4-23-75 AFHS	50-20/150-30	150/15	1 3/8 x 2
4-25	20-20-20/20	150/25	1 3/8 x 2
4-25-70	20-20/160-40	150/25	1 3/8 x 2
4-26	30-30-30/40	150/25	1 3/8 x 2
4-27	40-20-20/20	150/25	1 3/8 x 2
4-28	40-40-30/20	150/25	1 3/8 x 2
4-29	40-40-40/20	150/25	1 3/8 x 2
4-30	40-40/40-40	150/25	1 3/8 x 2
4-31	40-40-40/100	150/25	1 3/8 x 2
4-32	40-40-40/160	150/25	1 3/8 x 2
4-33	40-40/100-100	150/25	1 3/8 x 2
4-33-20	40-40/200-100	150/25	1 3/8 x 2
4-33-50 AFHS	50-20-20/200	150/25	1 3/8 x 2
4-34	50-30-30/100	150/25	1 3/8 x 2
†4-34-50 PWH	50-40-10/50	150/25	1 3/8 x 2
4-35	50-50-50/20	150/25	1 3/8 x 2
4-35-15	60-20-10/20	150/25	1 3/8 x 2
4-35-25	60-40-20/20	150/25	1 3/8 x 2
4-35-50 AFHS	60-60-10/60	150/25	1 3/8 x 2
4-35-75 AFHS	70-40-40/25	150/25	1 3/8 x 2 1/2
4-36	75-75-75/30	150/25	1 3/8 x 3
4-37	80-40-40/20	150/25	1 3/8 x 2
4-37-10	80-40-40/40	150/25	1 3/8 x 2 1/2
4-38	80-40-40/100	150/25	1 3/8 x 2 1/2
†4-38-20 PWH	100-40-10/50	150/25	1 3/8 x 2
4-38-30	100-90-60/200	150/25	1 3/8 x 3
4-38-75	125-125-40/100	150/25	1 3/8 x 3
4-38-90 AFHS	140-40-50-30	150/50	1 3/8 x 3
4-38-95 AFHS	200-200-100/10	150/75	1 3/8 x 4
4-39	40-20-10/20	200/25	1 3/8 x 2
4-40	40-20-10/20	250/25	1 3/8 x 2
4-41	100-40-10/100	250/50	1 3/8 x 3 1/2
4-42	80-60-40/20	250/150	1 3/8 x 3 1/2
4-43	10-10-10/20	300/25	1 3/8 x 2
4-44	40-20-20/25	300/25	1 3/8 x 2
4-44-20	40-30-20/50	300/25	1 3/8 x 2 1/2
4-45	40-40-20/20	300/25	1 3/8 x 3
4-46	60-40-20/50	300/25	1 3/8 x 3
4-46-20	60-30-10/60	300/50	1 3/8 x 2 1/2
4-46-35	150-30-30/150	300/50	1 3/8 x 4
4-46-50	10/200-140-30	300/150	1 3/8 x 4
4-46-60	10/200-200-30	300/150	1 3/8 x 4

†—Special construction for printed wiring.

QUADS — (Continued)

AFH No.	Capacity	Voltage	Size
4-47	40-40-40/20	300/150	1 3/8 x 3
4-47-50 AFHS	100-10/200-30	300/150	1 3/8 x 4
4-47-60 AFHS	140-10/200-60	300/150	1 3/8 x 5
4-47-80 AFHS	120-40-40/10	300/250	1 3/8 x 4
4-48	10-10-10/20	350/25	1 3/8 x 2
4-49	20-10-5/20	350/25	1 3/8 x 2
4-49-25	30-10-5/200	350/25	1 3/8 x 2
4-50	30-20-20/20	350/25	1 3/8 x 2 1/2
4-50-60	40-10/100-25	350/25	1 3/8 x 2
4-50-90	40-20-5/10	350/25	1 3/8 x 2 1/2
4-51	40-20-20/25	350/25	1 3/8 x 2 1/2
4-52	40-40-20/20	350/25	1 3/8 x 3
4-52-05	40-40-30/10	350/25	1 3/8 x 3
4-53	40-40-40/40	350/25	1 3/8 x 3
4-53-40	60-5/100-40	350/25	1 3/8 x 2 1/2
4-53-90	120-20-10/50	350/25	1 3/8 x 3
4-54	15-15-15/50	350/50	1 3/8 x 2
4-55	40-30-10/50	350/50	1 3/8 x 3
4-56	40-40-40/150	350/50	1 3/8 x 3 1/2
4-56-05 AFHS	50-40-20/100	350/50	1 3/8 x 3
4-56-20	60-5/50-20	350/50	1 3/8 x 2 1/2
4-56-30	60-25-25/100	350/50	1 3/8 x 3
4-56-45 AFHS	80-40-40/100	350/50	1 3/8 x 4
4-56-60	100-10-10/20	350/50	1 3/8 x 3
4-56-65	100-20/50-30	350/50	1 3/8 x 3 1/2
4-56-75	100-40-30/50	350/50	1 3/8 x 4
4-56-80	100-80-10/20	350/50	1 3/8 x 4
4-56-85	140-20-10/100	350/50	1 3/8 x 4
4-56-88	200-10/20-5	350/50	1 3/8 x 4
4-56-90	90-30-5/100	350/75	1 3/8 x 3 1/2
4-56-92	20-10-5/60	350/200	1 3/8 x 2 1/2
4-56-93	20/100-100-20	350/200	1 3/8 x 4
4-56-93.4	30-10-5/100	350/200	1 3/8 x 2 1/2
4-56-93.5	30-20-5/100	350/200	1 3/8 x 3
4-56-94	10-10-10/10	350/300	1 3/8 x 2
4-56-94.8	130-20-10/40	350/300	1 3/8 x 4
4-56-94.9 AFHS	140/100-20-20	350/300	1 3/8 x 4 1/2
4-56-95 AFHS	160/60-10-4	350/300	1 3/8 x 4
4-56-96	10-10/25-25	400/25	1 3/8 x 2
4-57	20-20-20/20	400/25	1 3/8 x 2 1/2
4-57-40	80-40-10/20	400/25	1 3/8 x 4
4-57-50	80-40-30/40	400/25	1 3/8 x 4
4-57-55	90-40-10/40	400/25	1 3/8 x 4
4-57-75	40-40-40/150	400/50	1 3/8 x 4
4-57-85	80-20-10/100	400/50	1 3/8 x 4
4-57-90 AFHS	100-10/30-20	400/50	1 3/8 x 3
4-57-92	20-20/100-100	400/100	1 3/8 x 3
4-57-93 AFHS	80-40-10/100	400/200	1 3/8 x 4
4-57-95	80-40/40-40	400/200	1 3/8 x 4
4-58	40-10/80-10	400/250	1 3/8 x 3 1/2
4-58-50	80/40-20-10	400/300	1 3/8 x 4
†4-58-65 PWH	40/30-20-20	400/350	1 3/8 x 3
4-58-75	80-40/40-20	400/350	1 3/8 x 4
4-59	10-10-10/20	450/25	1 3/8 x 2
4-60	10-10-10/25	450/25	1 3/8 x 2
4-61	10-10-10/100	450/25	1 3/8 x 2
4-62	10-10-10/150	450/25	1 3/8 x 2 1/2
4-63	10-10/20-20	450/25	1 3/8 x 2
4-65	20-10-10/100	450/25	1 3/8 x 2
4-66	20-15/20-20	450/25	1 3/8 x 2
4-67	20-20-20/20	450/25	1 3/8 x 2 1/2
4-68	30-15-15/40	450/25	1 3/8 x 2 1/2
4-69	30-20-20/20	450/25	1 3/8 x 3
4-70	30-30-10/20	450/25	1 3/8 x 3
4-70-10	30-30-10/125	450/25	1 3/8 x 3
4-71	30-30-20/20	450/25	1 3/8 x 3
4-71-25	30-30/125-125	450/25	1 3/8 x 3
4-72	40-10-10/250	450/25	1 3/8 x 3
4-73	40-10-10/300	450/25	1 3/8 x 3
4-74	40-15-10/25	450/25	1 3/8 x 3
4-75	40-20-10/20	450/25	1 3/8 x 3
4-76	40-20-20/20	450/25	1 3/8 x 3
4-77	40-20-20/40	450/25	1 3/8 x 3
4-78	40-30-10/20	450/25	1 3/8 x 3



AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

QUADS — (Continued)

AFH No.	Capacity	Voltage	Size
4-78-10	40-40-10/20	450/25	1 3/8 x 3 1/2
4-79	40-40-20/20	450/25	1 3/8 x 3 1/2
4-79-10	40-40-40/40	450/25	1 3/8 x 4
4-79-20	60-40-40/10	450/25	1 3/8 x 4
4-79-30	60-50-5/20	450/25	1 3/8 x 4
4-80	20-20-20/100	450/50	1 3/8 x 3
4-81	30-30-15/30	450/50	1 3/8 x 3
4-82	30-30-15/100	450/50	1 3/8 x 3 1/2
4-83	40-20-10/100	450/50	1 3/8 x 3 1/2
4-84	40-40-10/20	450/50	1 3/8 x 3
4-85	40-40/30-10	450/50	1 3/8 x 3
4-85-25	40-40-10/50	450/50	1 3/8 x 4
4-86	60-10-10/20	450/50	1 3/8 x 3
4-86-20	60-30-30/150	450/50	1 3/8 x 4
4-86-25	60-40-10/25	450/50	1 3/8 x 4
4-87	40-40-10/100	450/100	1 3/8 x 3 1/2
4-88	60-10-10/20	450/150	1 3/8 x 3
4-88-20	35-35-10/10	450/200	1 3/8 x 3 1/2
4-88-40	40-40-30/10	450/200	1 3/8 x 4
4-88-50	40-40/100-60	450/200	1 3/8 x 4
4-88-60	40-20-10/100	450/250	1 3/8 x 4
4-88-70	60-10-10/40	450/250	1 3/8 x 3 1/2
4-88-80	10/100-20-20	450/300	1 3/8 x 3
4-89	20-20/30-30	450/300	1 3/8 x 3
4-90	20-20/20-10	450/350	1 3/8 x 3
4-91	20-20/30-30	450/350	1 3/8 x 3
4-91-50	40-10-10/40	450/350	1 3/8 x 3
4-92	40-10/35-10	450/350	1 3/8 x 3
4-92-50	40-20-20/20	450/350	1 3/8 x 3
4-92-75	40-20/80-10	450/350	1 3/8 x 4
4-93	40-40/30-30	450/350	1 3/8 x 4
4-93-40	5/80-40-25	450/400	1 3/8 x 4
4-93-45	10/80-40-25	450/400	1 3/8 x 4
4-93-50	60/40-20-20	450/400	1 3/8 x 4
4-93-75	30-30-10/20	475/25	1 3/8 x 3
4-94	40-20-10/10	475/25	1 3/8 x 3
4-94-50	20/80-20-10	475/300	1 3/8 x 3 1/2
4-94-60	50-30/20-20	475/300	1 3/8 x 4
4-94-70	10/130-20-10	475/350	1 3/8 x 4
4-94-75	20/60-40-10	475/350	1 3/8 x 3 1/2
4-94-85	30/135-10-10	475/350	1 3/8 x 4
4-94-90	10/80-40-40	475/450	1 3/8 x 4
4-95	20-20-10/10	500/300	1 3/8 x 2 1/2
4-96	50-30-10/20	500/300	1 3/8 x 4
4-96-20	5/25-25/100	75/25/15	1 3/8 x 2
4-96-50	40-40/50/80	250/150/50	1 3/8 x 2 1/2
4-96-75	80-8/40/50	250/150/50	1 3/8 x 2 1/2
4-96-90	10/10/100-20	250/200/25	1 3/8 x 2
4-97	100/40/80-20	300/50/25	1 3/8 x 2 1/2
4-97-30	80-5/60/20	300/150/25	1 3/8 x 3
4-97-40	20/150-150/100	300/150/50	1 3/8 x 3 1/2
4-97-75	100-40/125/50	300/150/50	1 3/8 x 4
4-97-90	150-20/10/250	300/250/50	1 3/8 x 4
4-97-95	100-60/100/100	350/150/10	1 3/8 x 4 1/2
4-98	20/150-80/20	350/150/25	1 3/8 x 3
4-98-50	60/60-30/160	350/150/25	1 3/8 x 3
4-98-70	60-20/80/100	350/150/50	1 3/8 x 3 1/2
4-99	15/80-40/200	350/200/25	1 3/8 x 3
4-99-25	20/160-60/40	350/200/25	1 3/8 x 2 1/2
4-99-50	80-20/20/200	350/200/50	1 3/8 x 3 1/2
4-99-60 PWH	100-60/60/40	350/200/75	1 3/8 x 4
4-99-75	20/100-100/10	350/200/100	1 3/8 x 4
4-99-80	80-60/60/10	350/200/150	1 3/8 x 4
4-99-90	60-40/60/20	350/250/150	1 3/8 x 4
4-99-93	50-30/8/20	350/250/200	1 3/8 x 2 1/2
4-99-95	40-20/10/20	350/300/25	1 3/8 x 2
4-100	40/40-20/20	350/300/25	1 3/8 x 3
4-100-08	160/30-30/20	350/300/50	1 3/8 x 4
4-100-10	30-30/40/100	350/300/75	1 3/8 x 3
4-100-20 AFHS	100-60/40/40	350/300/75	1 3/8 x 4

†—Special construction for printed wiring.

QUADS — (Continued)

AFH No.	Capacity	Voltage	Size
4-100-25	50-25/100/20	400/50/25	1 3/8 x 3
4-100-40	80-40/100/20	400/50/25	1 3/8 x 4
4-100-45	20-10/10/25	400/100/25	1 3/8 x 2
4-100-50	10-10/40/10	400/200/50	1 3/8 x 2
4-100-65 AFHS	40-40/80/80	400/250/50	1 3/8 x 4
4-100-75	40/120-10/150	400/250/50	1 3/8 x 4
4-100-90	80-10/80/100	400/250/50	1 3/8 x 4
4-101	5-5/50/80	400/300/250	1 3/8 x 3
4-102	10/50-30/30	400/350/25	1 3/8 x 3
4-102-15	50/60-40/20	400/350/25	1 3/8 x 4
4-102-25	80/40-10/10	400/350/25	1 3/8 x 4
4-102-40	20/40/100-10	400/350/50	1 3/8 x 3
4-102-50	20/50-40/80	400/350/50	1 3/8 x 3
4-102-75	30/60-20/100	400/200/50	1 3/8 x 4
4-103	60-40/40/10	400/350/50	1 3/8 x 3 1/2
4-103-40	100-10/20/20	400/350/50	1 3/8 x 4
4-104	40/10/80-10	400/350/250	1 3/8 x 3
4-104-50	60-10/80/10	400/350/250	1 3/8 x 4
4-105-10	10-10/20/60	450/150/25	1 3/8 x 2
4-105-30	20-20/60/100	450/150/25	1 3/8 x 2 1/2
4-105-60	40-40/125/125	450/150/25	1 3/8 x 4
4-106	40/40/30-10	450/150/50	1 3/8 x 3
4-107	10-10/60/100	450/200/50	1 3/8 x 3
4-107-50	10/80-40/100	450/200/50	1 3/8 x 3
4-108	20/80-20/50	450/200/50	1 3/8 x 3
4-108-10	35-25/20/100	450/200/50	1 3/8 x 3
4-108-30	40/40-40/20	450/250/25	1 3/8 x 3
4-108-40	60/80-40/20	450/250/150	1 3/8 x 4
4-108-50	10-10/10/50	450/300/25	1 3/8 x 2
4-108-60	25/100-10/60	450/300/50	1 3/8 x 3
4-108-70	40/40-40/20	450/300/150	1 3/8 x 3
4-108-90	10/100-20/20	450/300/200	1 3/8 x 3
4-109	10/60-40/25	450/350/25	1 3/8 x 3 1/2
4-110	10/100-10/20	450/350/25	1 3/8 x 3 1/2
4-111	20/15-15/20	450/350/25	1 3/8 x 2
4-111-50	20/80-50/100	450/350/50	1 3/8 x 4
4-111-60	50/25-25/100	450/350/50	1 3/8 x 3
4-112	30/40-40/10	450/350/200	1 3/8 x 3 1/2
4-112-05 AFHS	10/140/100-20	450/350/300	1 3/8 x 4 1/2
4-112-10	20/20/50-20	450/400/50	1 3/8 x 3 1/2
4-112-20	80/40-10/150	450/400/50	1 3/8 x 4
4-112-50	80/10/40-30	450/400/300	1 3/8 x 4
4-112-75	10/100-10/100	475/300/25	1 3/8 x 3 1/2
4-112-80	10/140-4/100	475/300/50	1 3/8 x 4
4-113	15-15/80/40	475/300/50	1 3/8 x 3
4-113-10	10/20/100-50	475/350/25	1 3/8 x 2
4-113-20	10/30-5/80	475/350/50	1 3/8 x 2 1/2
4-113-40	40-10/4/40	475/350/300	1 3/8 x 3
4-113-50	10/80-40/100	475/400/50	1 3/8 x 4
4-113-60	10/50-30/30	475/450/25	1 3/8 x 3
4-113-80	20-10/20/100	475/450/25	1 3/8 x 2 1/2
4-114	10-5/80/40	475/450/50	1 3/8 x 3 1/2
4-114-50	10/40-10/100	475/450/50	1 3/8 x 2 1/2
4-114-55	10/10-4/20	500/300/25	1 3/8 x 2
4-114-60	10/100-30/100	500/300/25	1 3/8 x 3 1/2
4-114-75	30/10/150-30	500/450/50	1 3/8 x 3
4-114-90	100/60/10/20	300/200/150/50	1 3/8 x 3
4-115	120/20/100/20	300/250/50/25	1 3/8 x 4
4-116	200/20/100/20	300/250/50/25	1 3/8 x 4
4-116-50	40/100/100/25	350/250/50/25	1 3/8 x 3 1/2
4-117	20/40/10/250	350/300/150/50	1 3/8 x 3
4-117-25	20/150/10/250	350/300/250/50	1 3/8 x 4
4-117-40	20/10/10/20	400/350/200/25	1 3/8 x 2
4-117-44	40/80/100/25	400/350/200/50	1 3/8 x 4 1/2
4-117-45	40/80/100/100	400/350/200/50	1 3/8 x 4 1/2
4-117-47	20/10/80/20	400/350/300/25	1 3/8 x 3



AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

QUADS — (Continued)

AFH No.	Capacity	Voltage	Size
4-117-48	40/30/10/20	400/350/300/25	1 $\frac{3}{8}$ x2
4-117-50	10/10/60/100	450/300/200/50	1 $\frac{3}{8}$ x3
4-117-60	10/40/40/100	450/300/250/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-117-75	30/40/50/200	450/300/250/150	1 $\frac{3}{8}$ x4
4-117-90	10/40/100/100	450/350/250/50	1 $\frac{3}{8}$ x3
4-117-95	30/25/50/200	450/400/250/150	1 $\frac{3}{8}$ x4
4-118	80/10/30/40	450/400/300/150	1 $\frac{3}{8}$ x4
4-118-50	5/60/50/20	450/400/350/25	1 $\frac{3}{8}$ x3
4-118-90	40/40/50/80	475/250/150/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-119	20/40/100/80	475/300/50/25	1 $\frac{3}{8}$ x3
4-120	10/40/80/100	475/350/200/100	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-120-10	20/40/80/100	475/350/200/100	1 $\frac{3}{8}$ x4
4-120-20	10/40/80/100	475/350/300/100	1 $\frac{3}{8}$ x4
4-120-50	10/40/100/10	475/400/50/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-120-75	10/40/4/100	475/400/350/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-120-90	10/10/20/200	475/450/150/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-121	10/10/80/50	475/450/200/50	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
4-121-50	25/20/20/100	475/450/300/50	1 $\frac{3}{8}$ x3
4-122	25/20/40/100	475/450/300/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
4-123	10/60/30/125	475/450/400/50	1 $\frac{3}{8}$ x4

AFH HARDWARE

METAL WASHERS

Cat. No.	Size
MW-1	$\frac{3}{4}$ " d.
MW-2	1" d.
MW-3	1 $\frac{3}{8}$ " d.
MW-4	1" in 1 $\frac{3}{8}$ " hole mounting

BAKELITE WASHERS

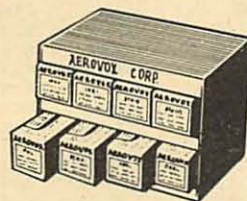
Cat. No.	Size
BW-1	$\frac{3}{4}$ " d.
BW-2	1" d.
BW-3	1 $\frac{3}{8}$ " d.
BW-4	1" in 1 $\frac{3}{8}$ " hole mounting

INSULATING TUBES

Cat. No.	Size
TU-1	1 x 2
TU-2	1 x 2 $\frac{1}{2}$
TU-3	1 x 3
TU-4	1 x 3 $\frac{1}{2}$
TU-5	1 x 4
TU-6	1 $\frac{3}{8}$ x 2
TU-7	1 $\frac{3}{8}$ x 2 $\frac{1}{2}$
TU-8	1 $\frac{3}{8}$ x 3
TU-9	1 $\frac{3}{8}$ x 3 $\frac{1}{2}$
TU-10	1 $\frac{3}{8}$ x 4

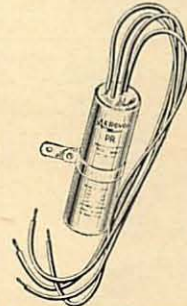
AEROVOX KITS AK-400 AND AK-401

These kits incorporate the sixteen (16) AFH capacitors that are the most popular nationally. Use kits individually (8 pieces) or stack them (16 or more pieces). Stack-a-Lytic metal cabinets can be assembled to form a sturdy one-piece storage rack.



AK-400		
AFH No.	Volt.	Cap.
AFHS 1-22	150	120
AFHS 1-22-05	150	120
AFHS 1-23	150	140
AFHS 1-24-25	150	200
AFHS 1-24-75	150	300
AFH 2-51	450	20-20
AFH 2-57	450	40-40
AFH 3-44	450	40-40-40

AK-401		
AFH No.	Volt.	Cap.
AFH 1-21	150	100
AFHS 1-37-25	300	150
AFHS 1-43	350	125
AFH 1-52	450	40
AFH 2-19	150	80-40
AFHS 2-21	150	200-5
AFH 2-72	500	40-40
AFH 4-14	450	20-20-20-20



TYPE PR Wax-Filled Tubular Capacitors

Wax-filled electrolytic tubulars in wax-impregnated cardboard tubes. Sections manufactured to same high standards as more expensive metal-cased units. These units are made for exact duplicate replacements in television receivers and antenna rotating devices. Tolerances meet RETMA standards and are manufactured for operating temperatures of 0-65°C. PR numbers designate replacements for Television Receivers, XA numbers designate replacements for Rotators.

TYPE PR SINGLES

PR No.	Capacity	Voltage	Size
XA-4283	70	50 (VAC)	$\frac{7}{8}$ x3
*XA-4098A	70	50 (VAC)	$\frac{7}{8}$ x3
PR 1-050	100	150	1x3 $\frac{1}{2}$
PR 1-075	200	200	1 $\frac{3}{8}$ x3 $\frac{3}{8}$
PR 1-100	140	300	1 $\frac{3}{8}$ x3 $\frac{3}{8}$

TYPE PR DUALS

PR No.	Capacity	Voltage	Size
PR 2-020	200-20	8	$\frac{1}{2}$ x1 $\frac{1}{4}$
†PR 2-050	120-120	150	1 $\frac{1}{8}$ x4 $\frac{7}{8}$
PR 2-100	200-5	150	1x4
PR 2-120	250-50	150	1 $\frac{3}{8}$ x3 $\frac{1}{4}$
PR 2-200	120-80	200	1 $\frac{3}{8}$ x3
PR 2-275	200-5	200	1 $\frac{1}{8}$ x4 $\frac{1}{8}$
PR 2-300	150-100	300	1 $\frac{3}{8}$ x4 $\frac{1}{2}$
PR 2-400	140-5	350	1 $\frac{1}{4}$ x4 $\frac{1}{8}$
PR 2-600	40/125	200/40	1x3 $\frac{1}{4}$
PR 2-700	50/75	250/50	1 $\frac{1}{8}$ x2 $\frac{3}{4}$
PR 2-725	5/25	300/25	$\frac{3}{4}$ x1 $\frac{7}{8}$
PR 2-755	200/100	300/50	1 $\frac{1}{4}$ x4 $\frac{5}{8}$
PR 2-800	20/100	450/25	1 $\frac{1}{4}$ x2 $\frac{3}{4}$

TYPE PR TRIPLES

PR No.	Capacity	Voltage	Size
PR 3-005	100-100-65	8	$\frac{5}{8}$ x1 $\frac{1}{8}$
PR 3-010	150-150-150	150	1 $\frac{3}{8}$ x4 $\frac{1}{4}$
PR 3-012	250-200-10	150	1 $\frac{3}{8}$ x4 $\frac{3}{8}$
PR 3-020	60-60-60	300	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 3-025	60-60-4	350	1 $\frac{3}{8}$ x3 $\frac{1}{4}$
PR 3-030	80-40-20	350	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 3-035	30-10-10	450	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 3-043	250-120/50	150/25	1 $\frac{3}{8}$ x3 $\frac{7}{8}$
PR 3-045	100-10/20	300/25	1 $\frac{1}{8}$ x3 $\frac{1}{2}$
PR 3-046	100-100/200	300/25	1 $\frac{1}{2}$ x4 $\frac{1}{2}$
PR 3-046-50	120-40/100	300/50	1 $\frac{3}{8}$ x4
PR 3-047	100-60/100	300/50	1 $\frac{3}{8}$ x4
PR 3-048	100/200-40	300/200	1 $\frac{3}{8}$ x4 $\frac{1}{2}$
PR 3-050	10-10/100	350/50	1 $\frac{1}{4}$ x2 $\frac{1}{2}$
PR 3-053	100-10/50	350/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 3-054	10/200-100	400/150	1 $\frac{3}{8}$ x4 $\frac{3}{8}$
PR 3-055	20-10/150	450/50	1 $\frac{3}{8}$ x3
PR 3-060	20/200-5	450/200	1 $\frac{1}{4}$ x4 $\frac{1}{8}$
PR 3-065	5/80-40	450/400	1 $\frac{3}{4}$ x4 $\frac{1}{4}$
PR 3-070	150/100/80	150/50/25	1 $\frac{3}{8}$ x3
PR 3-080	80/10/100	300/250/50	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 3-090	30/40/125	350/200/25	1 $\frac{3}{8}$ x2 $\frac{1}{4}$
PR 3-100	140/5/200	350/300/200	1 $\frac{1}{2}$ x4 $\frac{3}{8}$
PR 3-125	100/40/40	350/300/250	1 $\frac{3}{8}$ x3 $\frac{3}{4}$
PR 3-150	30/50/100	450/150/25	1 $\frac{3}{8}$ x2 $\frac{1}{2}$
PR 3-160	25/100/100	450/150/50	1 $\frac{3}{8}$ x3

* 5" leads. No bracket.

†† Separate sections.

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

TYPE PR QUADS

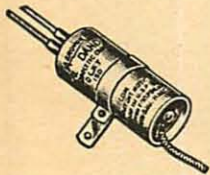
PR No.	Capacity	Voltage	Size
PR 4-125	40-40-40-4	150	1x3
PR 4-175	20-20-20-10	450	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 4-185	40-20-20-10	450	1 $\frac{3}{8}$ x3 $\frac{1}{4}$
PR 4-200	40-40-20-20	450	1 $\frac{3}{8}$ x4 $\frac{1}{2}$
PR 4-220	40-20-20/100	150/25	1 $\frac{1}{4}$ x3 $\frac{1}{4}$
PR 4-225	40-10-10/200	150/35	1 $\frac{1}{8}$ x3
PR 4-250	100-80-20/50	300/50	1 $\frac{3}{8}$ x4 $\frac{1}{2}$
PR 4-260	150-100-20/100	300/50	1 $\frac{3}{8}$ x5 $\frac{1}{8}$
PR 4-275	140-4/50-4	300/150	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 4-280	140-5/200-30	300/150	1 $\frac{1}{2}$ x4
PR 4-285	140-10-5/200	300/150	1 $\frac{1}{2}$ x4 $\frac{3}{8}$
PR 4-295	80-40-10/40	300/250	1 $\frac{3}{8}$ x4
PR 4-300	120-40-40/10	300/250	1 $\frac{3}{8}$ x4 $\frac{1}{4}$
PR 4-350	15-15/150-150	350/150	1 $\frac{3}{8}$ x4 $\frac{1}{4}$
PR 4-450	80-60-20/40	350/300	1 $\frac{3}{8}$ x4 $\frac{5}{8}$

PR 4-500	10-10-10/150	450/50	1 $\frac{1}{4}$ x3 $\frac{3}{4}$
PR 4-600	140/5/200-30	350/300/200	1 $\frac{1}{2}$ x4 $\frac{5}{8}$
PR 4-700	80-10/40/100	400/300/50	1 $\frac{3}{8}$ x4
PR 4-800	10/80/40-40	450/300/250	1 $\frac{3}{8}$ x3 $\frac{1}{2}$
PR 4-850	40/100/100/25	350/250/ 50/25	1 $\frac{3}{8}$ x3 $\frac{1}{4}$
PR 4-875	140/5/200/100	350/300/ 200/150	1 $\frac{1}{2}$ x4 $\frac{1}{8}$
PR 4-900	20/120/40/100	450/300/ 250/50	1 $\frac{3}{8}$ x4 $\frac{1}{4}$

TYPE PR QUINTS

PR No.	Capacity	Voltage	Size
PR 5-500	40-20-20-20/50	300/75	1 $\frac{3}{8}$ x4

† Separate negative furnished for two 10 mfd sections.



TYPE PRS "DANDEE" (85°C)

SINGLES • DUALS • TRIPLES
QUADS

Metal Can

Tubular Electrolytic Capacitors
TYPE PRS-AC (AC rated units)
NP-PRS (non-polarized units)

Compact, electrolytic tubular capacitors furnished in aluminum cans with cardboard insulating sleeves. Designed for use in television and radio applications where space is at a premium.

Included in this listing are the AC rated units (PRS-AC) and non-polarized units (NP-PRS) for replacement use in cross-over networks and color TV receivers. Also listed are Types PRSB — separate section, dual units for use in specialized applications.

Single section capacitors are furnished with bare tinned copper leads 3 inches long. Negative grounded to case. Multiple units are furnished with insulated, stranded copper leads 5 inches long. Negative is common and grounded to case. Multiple units have common cathode.

Sizes listed are diameters over cardboard insulating sleeve. For actual can size deduct $\frac{1}{16}$ " from diameter and $\frac{3}{16}$ " from length. Multiple units are supplied with mounting strap. If mounting strap is required on single units, specify on order.

Tolerance and surge voltage are in accordance with EIA Specification RS-154.

TYPE PRS — SINGLES

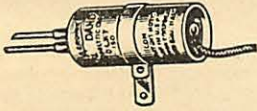
PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size
1050 2000 1 $\frac{1}{8}$ x 2 $\frac{3}{4}$ 4V	1260 25 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1440 20 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1600 4 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1760 50 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$
1100 100 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$ 6V	1265 50 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1450 24 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1610 8 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1770 60 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$
1110 250 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1270 100 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1460 30 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1620 10 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1780 80 1 $\frac{1}{8}$ x 3 $\frac{3}{4}$
1120 500 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1280 250 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1470 40 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1630 12 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1790 100 1 $\frac{1}{8}$ x 3 $\frac{3}{4}$
1130 1000 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1290 500 1 $\frac{1}{8}$ x 2 $\frac{1}{2}$	1480 50 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1640 16 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1800 4 1 $\frac{1}{8}$ x 2
1140 1500 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1300 2 3 $\frac{1}{8}$ x 1 $\frac{3}{8}$	1490 60 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1650 24 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1805 8 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$
1145 2000 1 $\frac{1}{8}$ x 2 $\frac{3}{4}$	1310 5 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1500 80 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1660 30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1810 10 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$
1150 100 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$ 12V	1320 10 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1510 100 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1670 40 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1815 12 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
1160 250 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1330 20 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1520 150 1 $\frac{1}{8}$ x 3	1680 50 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1820 16 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
1170 500 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1340 25 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1530 200 1 $\frac{1}{8}$ x 3	1690 60 1 $\frac{1}{8}$ x 2 $\frac{1}{2}$	1830 20 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
1180 1000 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$	1350 50 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1540 300 1 $\frac{1}{8}$ x 4	1700 1 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1840 30 1 $\frac{1}{8}$ x 2 $\frac{3}{4}$
1200 100 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$ 15V	1360 100 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1550 4 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1705 2 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1850 8 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
1210 250 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1370 150 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1555 8 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1710 4 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1860 10 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
1220 500 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1380 250 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1560 12 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1715 8 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1870 12 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
1230 1000 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1390 500 1 $\frac{1}{8}$ x 3 $\frac{3}{8}$	1565 16 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1720 10 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1880 16 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
1250 10 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$ 25V	1400 4 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1570 20 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1725 12 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1890 20 700V
1255 16 3 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1405 8 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1575 30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1730 16 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1900 8 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
	1410 10 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1580 40 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1735 20 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	1905 10 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
	1420 12 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	1585 50 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1740 30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1910 12 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
	1430 16 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	1590 60 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	1750 40 1 $\frac{1}{8}$ x 2 $\frac{1}{2}$	1915 16 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
		1595 100 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$		

TYPE PRS — DUALS

PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size	PRS Cap. No. Mfd. Size
2050 10-10 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$ 25V	2170 30-20 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2250 8-8 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$ 200V	2350 8-8 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$ 450V
2075 20-20 1 $\frac{1}{8}$ x 1 $\frac{1}{4}$	2175 30-30 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	2260 16-8 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2360 10-10 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
	2180 40-20 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	2280 16-16 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	2370 16-8 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
	2190 40-30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2290 30-30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2380 16-16 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$
2100 10-10 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$ 50V	2195 40-40 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$		2390 20-20 1 $\frac{1}{8}$ x 3 $\frac{1}{8}$
	2200 50-30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$		2400 30-30 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$
	2210 50-50 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2300 10-10 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$ 250V	2410 40-20 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$
2150 8-8 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$ 150V	2220 80-20 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2310 16-8 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	2420 40-40 1 $\frac{1}{8}$ x 4
2155 16-8 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2230 80-40 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2320 16-16 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2430 50-30 1 $\frac{1}{8}$ x 4
2160 20-10 1 $\frac{1}{8}$ x 1 $\frac{1}{2}$	2240 80-50 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	2330 20-20 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	
2165 20-20 1 $\frac{1}{8}$ x 1 $\frac{3}{4}$	2245 100-100 1 $\frac{1}{8}$ x 3 $\frac{1}{4}$	2340 30-30 1 $\frac{1}{8}$ x 2 $\frac{1}{4}$	

AEROVOX

CAPACITORS RESISTORS



ELECTROLYTICS — (Continued)

TYPE PRS — TRIPLES

PRS No.	Cap. Mfd.	Size	PRS No.	Cap. Mfd.	Size
		150V	3650	40-40-20	1 1/8 x 2 1/4
3500	20-20-20	1 1/8 x 1 3/4	3675	40-40-40	1 1/8 x 2 1/4
3550	30-20-10	1 1/8 x 1 3/4	3700	50-30-10	1 1/8 x 2 1/4
3560	30-30-20	1 1/8 x 1 3/4	3750	50-30-20	1 1/8 x 2 1/2
3570	30-30-30	1 1/8 x 2 1/4	3800	80-40-20	1 1/8 x 2 1/2
3600	40-20-20	1 1/8 x 2 1/4			450V
3625	40-30-20	1 1/8 x 2 1/4	3900	10-10-10	1 1/8 x 2 3/4

TYPE PRS — B

PRS No.	Cap. Mfd.	Size	PRS No.	Cap. Mfd.	Size
		150V			
5200	20-20	1 x 2 1/2	5400	16-16	1 x 3
5250	40-20	1 x 3			450V
		250V	5500	8-8	1 x 3
5300	16-8	1 x 2 1/2	5600	16-8	1 1/8 x 3 1/2
			5700	16-16	1 3/8 x 3 1/2

TYPE PRS — MULTIPLE VOLTAGES

PRS No.	Cap. Mfd.	VCDW	Size
4150	40-40/250	150/10	1 1/8 x 2 1/4
4200	20-20/20	150/25	1 1/8 x 1 3/4
4300	30-20/20	150/25	1 1/8 x 1 3/4
4350	30-20/100	150/25	1 1/8 x 2 1/4
4400	40-20/20	150/25	1 1/8 x 1 3/4
4425	40-30/20	150/25	1 1/8 x 2 1/4
4450	40-40/20	150/25	1 1/8 x 1 3/4
4475	40-40/100	150/25	1 1/8 x 2 1/4
4500	50-30/20	150/25	1 1/8 x 1 3/4
4525	50-30/100	150/25	1 1/8 x 2 1/4
4550	50-30/250	150/25	1 1/8 x 2 3/4
4575	50-50/20	150/25	1 1/8 x 2 1/4
4600	80-20/100	150/25	1 1/8 x 2 1/4
4650	80-40/20	150/25	1 1/8 x 2 1/4
4700	20-20/20	450/25	1 1/8 x 2 3/4
*4800	20/100	475/50	1 x 2 1/8

*No tube

TYPE PRS — AC Rated — NP-PRS — NON-POLARIZED

PRS No.	Cap. Mfd.	Size	PRS No.	Cap. Mfd.	Size	PRS No.	Cap. Mfd.	Size
6200	8	10 VAC 1 1/8 x 1 1/2	7250	500	15 VNP 1 1/8 x 2 1/4	7450	40	150 VNP 1 1/8 x 2 1/4
6400	20	25 VAC 1 1/8 x 1 1/2	7275	1000	1 1/8 x 3 3/4			200 VNP
		TYPE NP-PRS Non-Polarized			25 VNP	7500	2	1 1/8 x 1 1/4
		3 VNP	7300	2	1 1/8 x 1 1/2			350 VNP
7050	1000	1 1/8 x 2 1/4	7315	10	7/16 x 1 1/8	7550	5	1 1/8 x 1 3/4
		6 VNP	7330	50	1 1/8 x 1 1/2	7555	10	1 1/8 x 2
7100	500	1 1/8 x 2 1/4	7340	100	1 1/8 x 1 3/4	7560	20	1 1/8 x 2 1/4
		10 VNP			30 VNP			400 VNP
7200	25	7/16 x 1 1/4	7350	20	1 1/8 x 1 1/2	7650	10	1 1/8 x 2
7220	50	1 1/8 x 1 1/2			50 VNP			450 VNP
7240	450	1 1/8 x 2 1/4	7400	2	1 1/8 x 1 1/4			450 VNP
7245	500	1 1/8 x 1 3/4	7405	4	1 1/8 x 1 1/4	7750	4	1 1/8 x 1 1/2

TYPE XPP — MINIATURIZED METAL-CASED ELECTROLYTICS



OPERATING TEMPERATURE RANGE — minus 20°C to plus 65°C.

CAPACITANCE AT 25°C — minus 10%—plus 250%.

RC PRODUCT AT 25°C — 120 CPS: 500 maximum.

RC product (rated capacitance in mfd. x equivalent series resistance in ohms).

MAXIMUM LEAKAGE:

.15 microamperes/mfd/volt: below 10 volt rating.

.10 microamperes/mfd/volt: above 10 volt rating.

Miniature hermetically-sealed, metal-cased, tubular aluminum electrolytic capacitors.

For use in all transistorized assemblies such as personal portable radios, hearing aids, instruments and many other miniaturized electronic apparatus.

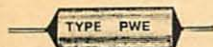
Cap. Mfds.	3VDCW		6VDCW		10VDCW		12VDCW		15VDCW		25VDCW	
	Type No.	Size	Type No.	Size	Type No.	Size	Type No.	Size	Type No.	Size	Type No.	Size
1	XPP-3001	A	XPP-6001	A	XPP-10001	A	XPP-12001	A	XPP-15001	A	XPP-25001	B
2	XPP-3002	A	XPP-6002	A	XPP-10002	A	XPP-12002	A	XPP-15002	A	XPP-25002	B
3	XPP-3003	A	XPP-6003	A	XPP-10003	B	XPP-12003	B	XPP-15003	C	XPP-25003	C
4	XPP-3004	A	XPP-6004	B	XPP-10004	B	XPP-12004	B	XPP-15004	C	XPP-25004	C
5	XPP-3005	A	XPP-6005	B	XPP-10005	B	XPP-12005	B	XPP-15005	C	XPP-25005	C
6	XPP-3006	A	XPP-6006	B	XPP-10006	C	XPP-12006	C	XPP-15006	C	XPP-25006	C
8	XPP-3008	B	XPP-6008	B	XPP-10008	C	XPP-12008	C	XPP-15008	C	XPP-25008	E
10	XPP-3010	C	XPP-6010	C	XPP-10010	C	XPP-12010	C	XPP-15010	C	XPP-25010	E
15	XPP-3015	C	XPP-6015	C	XPP-10015	C	XPP-12015	C	XPP-15015	D	XPP-25015	F
20	XPP-3020	C	XPP-6020	D	XPP-10020	D	XPP-12020	D	XPP-15020	E	XPP-25020	F
25	XPP-3025	C	XPP-6025	D	XPP-10025	E	XPP-12025	E	XPP-15025	E	XPP-25025	F
30	XPP-3030	D	XPP-6030	E	XPP-10030	E	XPP-12030	E	XPP-15030	F		
40	XPP-3040	D	XPP-6040	E	XPP-10040	E	XPP-12040	F	XPP-15040	F		
50	XPP-3050	D	XPP-6050	E	XPP-10050	E	XPP-12050	F	XPP-15050	F		
60	XPP-3060	E	XPP-6060	F								
100	XPP-3100	F										

Size			
A	3/16 x 9/8	D	.265 x 7/8
B	3/16 x 3/4	E	3/8 x 3/4
C	.265 x 3/4	F	3/8 x 7/8

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)



TYPE PWE "PEE-WEE" CERAMIC-CASED ELECTROLYTIC CAPACITORS

Miniature ceramic-cased electrolytic capacitors. Encased in dense steatite tubes with special Aerovox plastic end-fill which binds to the ceramic case. Especially suitable for limited space applications in transistorized radios, hearing-aids, instruments, etc.

Operating temperature range is minus 30°C/plus 65°C. Capacitance at 25°C is minus 10%/plus 250%.

Capacity Mfds.	3 VDCW		6 VDCW		10 VDCW		25 VDCW		50 VDCW	
	Type No.	Size	Type No.	Size	Type No.	Size	Type No.	Size	Type No.	Size
1	PWE 3020	A	PWE 6001	A	PWE 10001	A	PWE 25001	A	PWE 50001	A
2	PWE 3025	A	PWE 6002	A	PWE 10002	A	PWE 25002	A	PWE 50002	A
3	PWE 3030	A	PWE 6003	A	PWE 10003	A	PWE 25003	A	PWE 50003	A
5	PWE 3040	A	PWE 6005	A	PWE 10005	A	PWE 25005	A	PWE 50005	B
8	PWE 3050	A	PWE 6008	A	PWE 10008	A	PWE 25008	A	PWE 50008	C
10	PWE 3100	A	PWE 6010	A	PWE 10010	A	PWE 25010	B	PWE 50010	C
15	PWE 3200	A	PWE 6015	A	PWE 10015	A	PWE 25015	C	PWE 50015	D
20	PWE 3250	A	PWE 6020	A	PWE 10020	B	PWE 25020	C	PWE 50020	E
25	PWE 3300	A	PWE 6025	B	PWE 10025	C	PWE 25025	C	PWE 50025	F
30	PWE 3500	A	PWE 6030	B	PWE 10030	C	PWE 25030	D		
40	PWE 3001	A	PWE 6040	C	PWE 10040	C	PWE 25040	D		
50	PWE 3002	B	PWE 6050	C	PWE 10050	D	PWE 25050	E		
100	PWE 3003	C	PWE 6100	E	PWE 10100	F	PWE 25100	G		
200	PWE 3005	E	PWE 6200	F						
250	PWE 3008	F	PWE 6250	G						
300	PWE 3010	F								
500	PWE 3015	G								

Code	Size DXL	Code	Size DXL
A	1/4x3/4	E	3/8x1
B	1/4x7/8	F	3/8x1 1/4
C	3/8x3/4	G	3/8x2
D	3/8x7/8		



TYPE B C D UPRIGHT MOUNTING BAKELITE CASED ELECTROLYTICS

Bakelite cased, epoxy end-filled electrolytic capacitors. Upright mounting for replacement in printed wiring, transistorized personal radios and car radios.

Small size and type of mounting make these units ideal for use in any printed wiring circuit.

Bakelite case and epoxy end seal offer good moisture barrier which protects against drying out or leakage of electrolyte.

High purity foil insures long life and low leakage.

Minimum 1" lead length assists in threading connections into printed wiring boards even in tightest spaces.

Positive lead is identified by a +(plus) mark on case. Lead space varies with diameter.

DIAMETER	SPACING
3/8	.187
7/16	.250
1/2	.312

Cap. Mfds.	BCD No.	3VDCW Size	BCD No.	10VDCW Size	BCD No.	6VDCW Size	BCD No.	12VDCW Size	BCD No.	15VDCW Size	BCD No.	25VDCW Size	BCD No.	50 VDCW Size
1	3001	A	6001	A			12001	A	15001	A	25001	A	50001	A
2	3002	A	6002	A			12002	A	15002	A	25002	A	50002	A
3	3003	A	6003	A			12003	A	15003	A	25003	A	50003	A
4	3004	A	6004	A			12004	A	15004	A	25004	A	50004	A
5	3005	A	6005	A			12005	A	15005	A	25005	A	50005	A
6	3006	A	6006	A			12006	A	15006	A	25006	A	50006	A
8	3008	A	6008	A			12008	A	15008	A	25008	A	50008	A
10	3010	A	6010	A		10010 A	12010	A	15010	A	25010	B	50010	B
15	3015	A	6015	A			12015	A	15015	A	25015	B	50015	C
20	3020	A	6020	A			12020	A	15020	A	25020	B	50020	C
25	3025	A	6025	A		10025 A	12025	A	15025	A	25025	B	50025	D
35	3035	A	6035	A			12035	A	15035	B	25035	C		
50	3050	A	6050	A		10050 B	12050	B	15050	C	25050	D		
75	3075	A	6075	B			12075	C	15075	D	25075	D		
80						10080 C								
100	3100	B	6100	C		10100 C	12100	D	15100	D				
150	3150	C	6150	D			12150	E						
190						10190 E								
200	3200	C	6200	D										
250	3250	D												
300	3300	D												
50-30						10x5030 D								
50-50						10x5050 D								
80-50						10x8050 D								
80-80						10x8080 D								
100-30			6x10030	E										

SIZE CODE

A—3/8 x 5/8	D—1/2 x 3/4
B—3/8 x 3/4	E—1/2 x 7/8
C—7/16 x 3/4	

AEROVOX

CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)

TYPE SRE "BANTAM" METAL TUBULAR ELECTROLYTICS



Although smaller than the PRS the SRE handles full size loads at operating temperature range of 0°C to 85°C at rated voltage. Hermetically-sealed in aluminum cans and furnished with a carboard insulating sleeve. Negative grounded to can. If required without tube specify type SREN.

Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size	Cap.	Size
	3V		6V		12V		25V		50V		70V
25	3/8 x 1	5	3/8 x 1	50	3/8 x 1 1/8	5	3/8 x 1	1	3/8 x 1	10	3/8 x 1
50	3/8 x 1	25	3/8 x 1	100	1/2 x 1	10	3/8 x 1	2	3/8 x 1		150V
100	3/8 x 1	50	3/8 x 1	200	1/2 x 1 1/8	20	3/8 x 1	5	3/8 x 1	5	3/8 x 1
200	3/8 x 1 1/8	100	1/2 x 1 1/8			25	3/8 x 1	10	3/8 x 1	10	3/8 x 1 1/8
300	1/2 x 1 1/8	250	1/2 x 1 1/8		15V	50	1/2 x 1	15	3/8 x 1 1/8	15	1/2 x 1 1/8
500	1/2 x 1 1/8			100	1/2 x 1 1/8	100	1/2 x 1 1/8	25	1/2 x 1	25	1/2 x 1 1/8



TYPE AEP Plug-in Electrolytic Capacitors

Hermetically sealed, dry electrolytic capacitor furnished in round, aluminum can and 4-pin, octal-base mounting. For quick changes, readily removed and replaced in a standard octal-base tube socket. For use where continuous service is important. They are ideally suited for experimental testing, juke boxes and communication receiver uses. These units are the commercial equivalents of Type CE51's, 2's and 3's, as listed in MIL Specification MIL C62A.

Operating temperature to +65°C. Quadruple element units furnished with ground lug for cathode connection.

Type	Capacity Mfd.	VDCW	Diam. x Hght.
SINGLE ELEMENT UNITS			
AEP400P	2000	15	1 3/8 x 2 1/2
AEP5A	25	25	1 1/2 x 2 1/2
AEP4D	20	150	1 1/2 x 2 1/2
AEP8D	40	150	1 1/2 x 2 1/2
AEP2J	10	450	1 1/2 x 2 1/2

Type	Capacity Mfd.	VDCW	Diam. x Hght.
AEP3J	15	450	1 1/2 x 2 1/2
AEP4J	20	450	1 1/2 x 2 1/2
AEP6J	30	450	1 1/2 x 2 1/2
AEP8J	40	450	1 1/2 x 2 1/2
AEP16J	80	450	1 3/8 x 3 1/2
AEP2L	10	600	1 3/8 x 4 1/4
DUAL ELEMENT UNITS			
AEP44D	20-20	150	1 1/2 x 2 1/2
AEP88D	40-40	150	1 1/2 x 2 1/2
AEP22J	10-10	450	1 1/2 x 2 1/2
AEP44J	20-20	450	1 3/8 x 2 1/2
AEP88J	40-40	450	1 3/8 x 3
TRIPLE ELEMENT UNITS			
AEP444D	20-20-20	150	1 1/2 x 2 1/2
AEP88D4A	40-40-20	150/25	1 1/2 x 2 1/2
AEP222J	10-10-10	450	1 1/2 x 2 1/2
AEP22J4A	10-10-20	450/25	1 1/2 x 2 1/2
AEP44J4A	20-20-20	450/25	1 3/8 x 2 1/2
AEP444J	20-20-20	450	1 3/8 x 3
AEP822J	40-10-10	450	1 3/8 x 3
QUADRUPLE ELEMENT UNITS			
AEPG444D4A	20-20-20/20	150/25	1 3/8 x 2 1/2
AEPG2222J	10-10-10-10	450	1 3/8 x 2 1/2
AEPG444J4A	20-20-20/20	450/25	1 3/8 x 3

TYPE GL and GLS



These ever-popular inverted-mounting, aluminum can units, are furnished with the same high purity materials as the more expensive type E and G. Two separate color-coded leads 4" long, for each section. Inverted chassis mounting can be made, using palmot and threaded neck. Threaded neck size 5/8"-18.

Type GL is furnished in 1 3/8" diameter.

Type GLS is similar, except furnished in 1" diameter cans for more compact assemblies. Type GLS to be discontinued when present stock is depleted and replaced with Type GL.

TYPE GL SINGLE ELEMENT	
Cap. Mfd.	Size—DxH
TYPE GL600	
600 VDCW	750V. Surge Peak
4	1 3/8 x 4
8	1 3/8 x 4 1/2

Cap. Mfd.	Size—DxH
16	1 3/8 x 4 1/2
TYPE GL475	
475 VDCW	550V. Surge Peak
8	1 3/8 x 3
12	1 3/8 x 3
16	1 3/8 x 3

Cap. Mfd.	Size—DxH	Cap. Mfd.	Size—DxH
TYPE GL450			
450 VDCW	525V. Surge Peak	16-16	1 3/8 x 4
4	1 3/8 x 3	20-20	1 3/8 x 4
8	1 3/8 x 3	TRIPLE ELEMENT	
10	1 3/8 x 3	TYPE GL450	
12	1 3/8 x 3	8-8-8	1 3/8 x 4
16	1 3/8 x 3	10-10-10	1 3/8 x 4
20	1 3/8 x 3	TYPE GLS	
30	1 3/8 x 3	SINGLE ELEMENT	
40	1 3/8 x 3	TYPE GLS450	
80	1 3/8 x 4	450 VDCW	525V. Surge Peak
DUAL ELEMENT			
TYPE GL475			
8-8	1 3/8 x 4	4	1 x 2 3/8
TYPE GL450			
8-8	1 3/8 x 4	8	1 x 2 1/4
10-10	1 3/8 x 4	12	1 x 3 1/4
12-12	1 3/8 x 4	16	1 x 3 1/4
16-8	1 3/8 x 4	DUAL ELEMENT	
TYPE GLS450			
8-8	1 3/8 x 3		



TYPE FF Photo-Flash Capacitors

Selective choice of highest purity materials makes these units ideal for rugged photoflash application calling for lowest leakage requirements. Furnished in molded black plastic container with screw lug terminals. Highly resistant to moisture and oil. Surge voltages and time duty cycles as listed in EIA specification No. RS-154.

Type Number	Cap. Mfd.	Working Voltage	Surge Voltage	Watt Secs.	Size
FF-1	300	450	525	30	2 1/4 x 4 3/8
FF-2	525	450	525	53	2 1/4 x 4 3/8



TYPE WR* Replacement for Wet Electrolytic

Dry electrolytic for replacement of wet electrolytic units. Furnished in round aluminum cans, the range of capacities covers most applications in standard radio receivers and other equipment originally using wet type electrolytic capacitors. 450V. D. C.

Capacity Mfd.	Replacement for	Dia. x Hght.
10	4 to 12 mfd.	1 3/8 x 3
20	16 to 20 mfd.	1 3/8 x 3
30	20 to 30 mfd.	1 3/8 x 3
40	30 to 40 mfd.	1 3/8 x 3

*Type WR to be discontinued when present stock is depleted and replaced with Type GL.

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CAPACITORS RESISTORS

ELECTROLYTICS — (Continued)



TYPE E Hermetically-Sealed, Aluminum, Round Metal-Cased Capacitors

Can be mounted with terminals upright or inverted by use of a ring-type clamp provided with unit. Can is floating, thus having two terminals on single-section capacitors, three on duals, and four on triples. These units are the equivalent of case style CE31, 2 and 3 of MIL Specification C62A.

SINGLE ELEMENT

Capacity Mfd.	Can Size — Dia. x Hght.
	475 VDCW
10	1 x 2 1/4
20	1 x 2 3/4
40	1 3/8 x 2 3/4
80	1 3/8 x 4 1/4
	250 VDCW
500	2 x 4 1/8
	50 VDCW
10	1 x 1 3/4
25	1 x 1 3/4
	25 VDCW
10	1 x 1 3/4
25	1 x 1 3/4
	1 VNP
1250	1 3/8 x 4 1/4
	DUAL ELEMENT
	450 VDCW
10-10	1 3/8 x 2 1/4
20-20	1 3/8 x 2 3/4
	TRIPLE ELEMENT
	450 VDCW
10-10-10	1 3/8 x 2 1/4
	350/50 VDCW
30-30/50	1 3/8 x 4 1/4
	QUADRUPLE ELEMENT
	350/150 VDCW
20-10-5-5	1 3/8 x 4 1/4



TYPE G Insulated Screw-Mounting Capacitors

Hermetically-sealed aluminum can unit, threaded cover size 7/8—16 with hex nut and washer for convenient mounting on chassis. Washer can be used to insulate can from chassis. Terminals molded in cover. Cathode connection through terminal in cover. These units are the equivalent of case style CE41 and 42 of specification MIL C62A.

Cap. Mfd.	Size—DxH	Cap. Mfd.	Size—DxH
	SINGLE ELEMENT		DUAL ELEMENT
	TYPE G450		TYPE G450
450 VDCW	525V. Surge Peak	450 VDCW	525V. Surge Peak
10	1 3/8 x 2 1/4	10-10	1 3/8 x 2 1/4
20	1 3/8 x 2 1/4	20-20	1 3/8 x 2 3/4
40	1 3/8 x 2 3/4		
80	1 3/8 x 4 1/4		
	TYPE G500		
500 VDCW	550V. Surge Peak		
10	1 3/8 x 2 3/4		

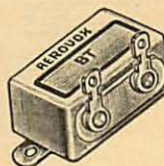


TYPE HCLV High Capacity Low Voltage

Type HCLV Capacitors are high-capacity, low-voltage units for use in electric fence control, motion picture, sound equipment, and other low-voltage applications.

Units are furnished in round, hermetically-sealed aluminum cans and supplied with a cardboard outer insulating tube and mounting ring.

Capacity Mfd.	Dia. x Hght.
	TYPE HCLV12 — 12 VDCW
500	1 3/8 x 2 1/8
1000	1 3/8 x 2 1/8
2000	1 3/8 x 3 1/8
3000	1 3/8 x 4 1/8
4000	1 1/2 x 4 1/8
	TYPE HCLV18 — 18 VDCW
500	1 3/8 x 2 1/8
1000	1 3/8 x 2 1/8
2000	1 3/8 x 3 1/8
4000	1 1/2 x 4 1/8
	TYPE HCLV25 — 25 VDCW
500	1 3/8 x 2 1/8
1000	1 3/8 x 3 1/8
2000	1 3/8 x 4 1/8
3000	1 3/4 x 4 1/8
4000	2 x 4 1/8
	TYPE HCLV50 — 50 VDCW
1000	1 3/8 x 4 1/8
2000	1 3/4 x 4 1/8
3000	2 x 4 1/8
4000	2 1/2 x 4 1/8



TYPE BT Drawn-Case "Bathtub" Electrolytic Capacitors

Hermetically-sealed units designed for rigid mounting in minimum space. Of sturdy construction, these high-quality units are equivalent to the case style CE63 of MIL Specification C62A.

Capacity Mfd.	L x W x H
	TYPE BT500 500 VDCW
4	2 x 2 x 1 1/8
8	2 x 2 x 1 1/8
	TYPE BT450 450 VDCW
8	1 3/4 x 1 x 1
12	1 3/4 x 1 1/4 x 1
16	2 x 1 3/4 x 1
	TYPE BT350 350 VDCW
8	1 3/4 x 1 x 7/8
12	1 3/4 x 1 x 7/8
16	1 3/4 x 1 x 1
20	1 3/4 x 1 1/4 x 1 1/8
	TYPE BT150 150 VDCW
8	1 3/4 x 1 x 7/8
12	1 3/4 x 1 x 7/8
16	1 3/4 x 1 x 7/8
24	1 3/4 x 1 x 7/8
30	1 3/4 x 1 x 1
40	1 3/4 x 1 x 1
	TYPE BT50 50 VDCW
10	1 3/4 x 1 x 7/8
25	1 3/4 x 1 x 7/8
50	1 3/4 x 1 x 7/8
	TYPE BT25 25 VDCW
10	1 3/4 x 1 x 7/8
25	1 3/4 x 1 x 7/8
50	1 3/4 x 1 x 7/8

AEROVOX

CAPACITORS RESISTORS

PAPER



TYPE P88N
† **DURANITE**
Duranite Blue Moulded
Tubular Capacitors

Toughest capacitors ever offered for radio-electronic equipment, DURANITE capacitors. Design, impregnant, processing, and casing insure glove-fitting contact and seal throughout. DURANITE provides a permanent, non-varying, rock-hard casing, does not dry out, does not develop cracks or fissures. Pig-tail leads firmly imbedded, won't pull out, won't work loose. Moisture-proof; operate from sub-zero to over 212°F. Exposure to temperatures of 250°F. will not impair life or performance, no deterioration on the shelf. A white band around one end of the capacitor identifies the outside foil.

Cap. Mfd.	200 V Size	400 V Size	600 V Size	1000 V Size
.0001			A	
.00025			A	
.0004			A	
.0005			A	
.001	A	A	A	A
.0015	A	A	A	A
.002	A	A	A	A
.0022	A	A	A	A
.003	A	A	A	B
.0033	A	A	A	B
.004	A	A	A	B
.0047	A	A	A	B
.005	A	A	A	B
.006	A	A	B	B
.0068	A	A	B	B
.007	A	A	B	B
.0075	A	A	B	B
.008	A	A	B	B
.01	A	A	B	B
.015	A	B	B	D
.02	B	B	D	E
.022	B	B	D	E
.025	B	B	D	E
.03	B	B	D	E

Cap. Mfd.	200 V Size	400 V Size	600 V Size	1000 V Size
.033	B	B	E	E
.04	B	D	E	F
.047	B	D	E	F
.05	B	D	E	F
.06	D	E	F	F
.068	D	E	F	F
.075	D	E	F	F
.1	D	E	F	F
.15	E	F	F	F
.2	F	F	G	G
.22	F	F	G	G
.25	F	F	G	G
.27	F	G	H	H
.33	F	G	H	H
.47	F	G	H	H
.5	F	G	H	H
1.0	H	H		

Size	Length x Dia.	Size	Length x Dia.
A	1 1/8 x 1 1/2	E	1 3/8 x 1 1/2
B	1 3/8 x 1 1/2	F	2 x 1 1/2
		G	2 1/4 x 3/4
D	1 3/8 x 1 1/2	H	2 1/2 x 1

Type VBC Vibrator Buffer Capacitors



These units are heavy-duty, Hyvol M impregnated, vibrator buffer capacitors in ceramic tubes, specifically designed for severe-service auto-radio applications.

Type	Cap. Mfd.	Size
VBC-2	.001	3/8 x 1 1/4
VBC-3	.002	3/8 x 1 1/2
VBC-4	.0022	3/8 x 1 1/2
VBC-5	.003	3/8 x 1 1/2
VBC-6	.0033	3/4 x 1 1/2
VBC-7	.004	3/4 x 1 1/2
VBC-8	.0047	3/4 x 1 1/2
VBC-9	.005	1 1/2 x 1 1/2
VBC-22	.006	1 1/2 x 1 1/2
VBC-23	.0068	1 1/2 x 1 1/2
VBC-24	.007	1 1/2 x 1 1/2

Type	Cap. Mfd.	Size
VBC-25	.0075	1 1/2 x 1 1/2
VBC-26	.008	1 1/2 x 1 1/2
VBC-27	.01	3/4 x 1 1/2
VBC-28	.015	3/8 x 1 3/4
VBC-29	.02	3/8 x 2
VBC-32	.025	3/8 x 2
VBC-33	.03	3/4 x 2
VBC-34	.05	1 1/4 x 2
VBC-35	.015-.015	1 1/4 x 2
VBC-45	.007-3000 WVDC	1 1/4 x 2

Vibrator "HASH" Capacitor VHC36
.5 Mfd. 100 Volts WVDC 1 1/4 x 1 1/4

† "AUTOPASS" Type P-151N Vertical Mounting Bakelite-Cased Paper Capacitors



Aerovox Type P151N capacitors were specifically designed and developed for use in conjunction with printed-wiring assemblies where it is highly desirable to mount capacitors at right angles to the mounting surface thereby conserving valuable space.

Aerolene impregnated and assembled into a molded phenolic case, Type P151N capacitors are then sealed with a thermo-setting end-seal. The end-seal surface is below the outside edges of the plastic case, permitting the capacitor to be mounted flush against the mounting surface. The leads of these capacitors are stiff, and critical spacing is closely held to facilitate their use in mechanized assemblies. Outside foil is identified by wire lead nearest to edge of case or by a paint stripe on the case nearest the outside foil.

Cap.	200	400	600
.001	3/8 x 1	3/8 x 1	3/8 x 1
.0015	3/8 x 1	3/8 x 1	3/8 x 1
.0022	3/8 x 1	3/8 x 1	3/8 x 1
.0033	3/8 x 1	3/8 x 1	3/8 x 1
.0047	3/8 x 1	3/8 x 1	3/8 x 1
.0068	3/8 x 1	3/8 x 1	3/8 x 1 3/8
.01	3/8 x 1	3/8 x 1	3/8 x 1 3/8
.015	3/8 x 1	3/8 x 1 3/8	3/4 x 1 3/8
.022	3/8 x 1 3/8	3/4 x 1 3/8	3/4 x 1 3/8
.033	3/8 x 1 3/8	3/4 x 1 3/8	1/2 x 1 1/4
.047	3/4 x 1 3/8	1/2 x 1 1/4	1/2 x 1 1/2
.068	3/4 x 1 3/8	1/2 x 1 1/2	5/8 x 1 7/8
.1	1/2 x 1 1/4	5/8 x 1 1/4	5/8 x 1 7/8
.15	5/8 x 1 1/4	5/8 x 1 7/8	3/4 x 1 7/8
.22	5/8 x 1 7/8	5/8 x 1 7/8	3/4 x 2 1/2
.33	5/8 x 1 7/8	3/4 x 1 7/8	7/8 x 2 1/2
.47	3/4 x 1 7/8		

Standard Tolerance ±20%. Also available in 10% on special order.

† Trade Mark

AEROVOX

CAPACITORS RESISTORS

PAPER



TYPE P84CM † DURAMIC Ceramic-Cased Tubular Capacitors

New ceramic (dense steatite) encased paper tubular for performance above that of conventional paper tubulars. New thermosetting end-seals for exceptional humidity protection — 250 hour humidity test as per REC-118. Firmly imbedded terminals will not work loose or pull out. Operating temps are —55°C to +85°C. Meets all requirements of EIA Spec. REC-118, hi-temp range, class M.

Cap. Mfd.	200 VDCW Size Dia. x Lgth.	400 VDCW Size Dia. x Lgth.	600 VDCW Size Dia. x Lgth.	1000 VDCW Size Dia. x Lgth.	1600 VDCW Size Dia. x Lgth.	2500 VDCW Size Dia. x Lgth.	6000 VDCW Size Dia. x Lgth.
.0001						3/8 x 1 1/2	3/8 x 1 3/4
.00025						3/8 x 1 1/2	3/8 x 1 3/4
.0005			5/16 x 1		5/16 x 1	3/8 x 1 1/2	3/8 x 1 3/4
.001			5/16 x 1	5/16 x 1	3/8 x 1 1/4	3/8 x 1 1/2	1/2 x 1 3/4
.0015			5/16 x 1	5/16 x 1	3/8 x 1 1/4		
.002			5/16 x 1	5/16 x 1	3/8 x 1 1/4		
.0022			5/16 x 1	5/16 x 1	3/8 x 1 1/4		
.003			5/16 x 1	5/16 x 1	3/8 x 1 1/4	3/16 x 1 1/2	5/8 x 2 1/8
.0033			5/16 x 1	5/16 x 1	3/8 x 1 1/4		
.004			5/16 x 1	3/8 x 1 1/4	3/8 x 1 1/4		
.0047			5/16 x 1	3/8 x 1 1/4	3/8 x 1 1/4		
.005			5/16 x 1	3/8 x 1 1/4	3/8 x 1 1/2	1/2 x 1 1/8	3/4 x 2 1/8
.006			5/16 x 1	3/8 x 1 1/4	1/2 x 1 1/8		
.0068		5/16 x 1	3/8 x 1 1/4	3/8 x 1 1/4	1/2 x 1 1/8		
.007			3/8 x 1 1/4		1/2 x 1 1/8		
.0075			3/8 x 1 1/4	3/8 x 1 1/4	1/2 x 1 1/8		
.008		5/16 x 1	3/8 x 1 1/4		1/2 x 1 1/8		
.01	5/16 x 1	5/16 x 1	3/8 x 1 1/4	3/16 x 1 1/4	1/2 x 1 1/8	5/8 x 1 7/8	1/2 x 2 1/8
.015	3/8 x 1 1/4	3/8 x 1 1/4	3/8 x 1 1/4	3/16 x 1 1/4	5/8 x 1 7/8		
.02	3/8 x 1 1/4	3/8 x 1 1/4	3/8 x 1 1/4	1/2 x 1 1/8	5/8 x 1 7/8		
.022	3/8 x 1 1/4	3/8 x 1 1/4	3/8 x 1 1/4	1/2 x 1 1/8	3/4 x 2		
.025				1/2 x 1 1/8			
.03	3/8 x 1 1/4	3/16 x 1 1/4	1/2 x 1 1/8	5/8 x 1 7/8	3/4 x 2	1 1/8 x 2	*1 1/8 x 2 5/8
.033	3/8 x 1 1/4	3/16 x 1 1/4	1/2 x 1 1/8	5/8 x 1 7/8	3/4 x 2		
.04			1/2 x 1 1/8	5/8 x 1 7/8			
.047	3/16 x 1 1/4	3/16 x 1 1/2	1/2 x 1 1/8	5/8 x 1 7/8	1 1/8 x 2 1/4		
.05	3/16 x 1 1/4	3/16 x 1 1/2	1/2 x 1 1/8	5/8 x 1 7/8	1 1/8 x 2 1/4	2 1/2 x 2 5/8	*1 1/8 x 3 1/8
.06				1 1/8 x 1 7/8			
.068	1/2 x 1 1/8	1/2 x 1 1/8	3/4 x 2	3/4 x 2	1 x 2 1/4		
.075			5/8 x 1 7/8	3/4 x 2			
.1	1/2 x 1 1/8	1/2 x 1 1/8	5/8 x 1 7/8	1 1/8 x 2 1/4	1 x 2 7/8	*1 x 2 5/8	
.15	1/2 x 1 3/4	5/8 x 1 7/8	3/4 x 2	1 x 2 1/4		*1 x 3 1/8	
.2	5/8 x 1 7/8	5/8 x 1 7/8	1 1/8 x 2 1/4	1 x 2 1/4			
.22	5/8 x 1 7/8	5/8 x 1 7/8	1 1/8 x 2 1/4	1 x 2 7/8			
.25	5/8 x 1 7/8	3/4 x 2	7/8 x 2 1/4	1 x 2 7/8			
.33	3/4 x 2	3/4 x 2	1 x 2 1/4				
.47	1 1/8 x 2 1/4	1 1/8 x 2 1/4	1 x 2 7/8				
.5	1 1/8 x 2 1/4	1 1/8 x 2 1/4	1 x 2 7/8				
.68	1 1/8 x 2	1 x 2 1/4	*1 1/8 x 3				
1.0	1 x 2 1/4	1 x 2 7/8					

SPECIAL CLOSE TOLERANCE UNITS FOR HORIZONTAL OSCILLATOR CIRCUIT.
P84CM — Tolerance ± 10%

Cap. Mfd.	600 VDCW Size Dia. x Lgth.	1000 VDCW Size Dia. x Lgth.
.0012	5/16 x 1	5/16 x 1
.0039	5/16 x 1	
.0082	3/8 x 1 1/4	
.018	3/16 x 1 1/4	1/2 x 1 1/2
.025	3/16 x 1 5/8	1/2 x 1 1/8
.027	3/16 x 1 1/2	1/2 x 1 1/8
.033	1/2 x 1 1/8	1/2 x 1 7/8
.039	1/2 x 1 1/8	3/8 x 1 7/8
.057	3/8 x 1 5/8	1 1/8 x 1 7/8

* Will be furnished in cardboard tube Type P84M.

TYPE RC Resonant Capacitors



Resonant capacitors for adequate bypassing of IF circuits in order to keep IF frequencies from entering such circuits and causing troublesome squeals and howls. AEROVOX RESONANT CAPACITORS, Series RC, are available in conventional tubular design, wax impregnated and wax sealed as follows:

Catalog No.	Capacity Mfd.	VVDC	DXL
RC2	.05	400	1/2 x 1 1/8
RC3	.1	400	1/2 x 1 5/8
RC4	.2	400	3/8 x 1 7/8

† Trade Mark

AEROVOX

CAPACITORS RESISTORS

PAPER

TYPE P85N Miniaturized Aerolene Capacitors



Miniaturized Aerolene (Hyvol N) impregnated tubular units. Duranite endfill excludes moisture. Designed for personal radios, hearing aids and miniature assemblies requiring maximum performance in minimum size. Operating temperature range —30°C. to +100°C.

Standard Tolerances

.00025 - .001	+80	-20%
.0015 - .004	+50	-25%
.0047 - .0068	+40	-10%
.01 - .05	+30	-10%
.068 - up	+20	-10%

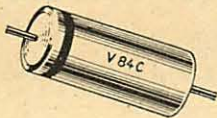
Cap. Mfd.	200 V	400 V	600 V
.00025	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.0005	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.001	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.0015	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.002	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
*.0022	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.003	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
*.0033	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.004	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
*.0047	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.005	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.006	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.0068	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.01	1/4 x 1 1/2	1/4 x 2 1/2	1/4 x 3 1/2
.015	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
.02	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
*.022	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
.03	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
*.033	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
.04	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
*.047	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
.05	1/4 x 2 1/2	1/4 x 3 1/2	1/4 x 4 1/2
.068	1/4 x 3 1/2	1/4 x 4 1/2	1/4 x 5 1/2
.1	1/4 x 3 1/2	1/4 x 4 1/2	1/4 x 5 1/2

* To be discontinued when present stocks are depleted.

Cap. Mfd.	100 VDCW
.25	.489 x 1 1/2
.50	.645 x 1 1/2

TYPE V84C

AEROFILM (MYLAR*) CAPACITORS



V84C Aerofilm[†] Tubular Capacitors are high quality units in dense steatite cases. These units have exceptionally high insulation resistance and low dielectric absorption and power factor. They are extremely stable having a relatively small capacitance change with temperature variations over a range of 0 to 85°C. These excellent characteristics are due to the use of Aerofilm (Aerovox's trade name for Mylar* polyester film), finest quality casing material, and an epoxy end fill which will not flow, soften or melt at any operating temperature. Standard tolerance is ±20% but also available in ±5% and ±10%.

Rated Voltage for Temperatures of 85°C. and above:

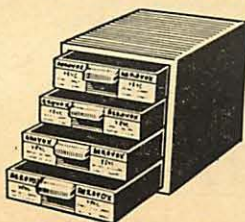
85°C.	200 VDCW	400 VDCW	600 VDCW
125°C.	100 VDCW	300 VDCW	400 VDCW
150°C.	75 VDCW	200 VDCW	300 VDCW

Catalogue No.	Cap. Mfd.	Size	Catalogue No.	Cap. Mfd.	Size	Catalogue No.	Cap. Mfd.	Size
200 VDCW			V84C 4D47	.0047	1/4 x 1 1/4	V84C 6D3	.003	1/4 x 1 1/4
V84C 2D47	.0047	1/4 x 1 1/4	V84C 4D68	.0068	1/4 x 1 1/4	V84C 6D33	.0033	1/4 x 1 1/4
V84C 2D68	.0068	1/4 x 1 1/4	V84C 4S1	.01	1/4 x 1 1/4	V84C 6D4	.004	1/4 x 1 1/4
V84C 2S1	.01	1/4 x 1 1/4	V84C 4S15	.015	1/4 x 1 1/4	V84C 6D47	.0047	1/4 x 1 1/4
V84C 2S15	.015	1/4 x 1 1/4	V84C 4S2	.02	3/8 x 1 1/4	V84C 6D5	.005	1/4 x 1 1/4
V84C 2S22	.022	1/4 x 1 1/4	V8-C 4S22	.022	3/8 x 1 1/4	V84C 6D68	.0068	1/4 x 1 1/4
V84C 2S33	.033	1/4 x 1 1/4	V84C 4S3	.03	3/8 x 1 1/4	V84C 6S1	.01	3/8 x 1 1/4
V84C 2S47	.047	1/4 x 1 1/4	V84C 4S33	.033	3/8 x 1 1/4	V84C 6S15	.015	3/8 x 1 1/4
V84C 2S5	.05	3/8 x 1 1/4	V84C 4S47	.047	3/8 x 1 1/4	V84C 6S2	.02	3/8 x 1 1/4
V84C 2S68	.068	3/8 x 1 1/4	V84C 4S5	.05	3/8 x 1 1/4	V84C 6S22	.022	3/8 x 1 1/4
V84C 2P1	.1	3/8 x 1 1/4	V84C 4S68	.068	3/8 x 1 1/4	V84C 6S3	.03	3/8 x 1 1/4
V84C 2P15	.15	3/8 x 1 1/4	V84C 4P1	.1	1/2 x 1 1/4	V84C 6S33	.033	3/8 x 1 1/4
V84C 2P22	.22	1/2 x 1 1/4	V84C 4P15	.15	1/2 x 1 1/4	V84C 6S4	.04	1/2 x 1 1/4
V84C 2P25	.25	1/2 x 1 1/4	V8-C 4P22	.22	3/8 x 1 1/2	V84C 6S47	.047	1/2 x 1 1/4
V84C 2P33	.33	1/2 x 1 1/2	V84C 4P25	.25	3/8 x 1 1/4	V84C 6S5	.05	1/2 x 1 1/4
V84C 2P47	.47	3/8 x 1 1/2	V84C 4P33	.33	1 1/8 x 1 3/4	V84C 6S68	.068	1/2 x 1 1/2
V84C 2P68	.68	2 1/4 x 1 3/4	V84C 4P47	.47	3/4 x 2	V84C 6S75	.075	3/8 x 1 1/2
V84C 2W1	1.0	7/8 x 1 7/8	V84C 4P5	.5	3/4 x 2	V84C 6P1	.1	3/8 x 1 1/2
400 VDCW			V84C 4P68	.68	3/4 x 2	V84C 6P15	.15	3/8 x 1 1/2
V84C 4D15	.0015	1/4 x 1 1/4	V84C 4W1	1.0	7/8 x 2 3/8	V84C 6P2	.2	1 1/4 x 1 5/8
V84C 4D22	.0022	1/4 x 1 1/4	600 VDCW			V84C 6P22	.22	1 1/4 x 1 5/8
V84C 4D33	.0033	1/4 x 1 1/4	V84C 6D1	.001	1/4 x 1 1/4	V84C 6P25	.25	1 1/4 x 1 5/8
			V84C 6D15	.0015	1/4 x 1 1/4	V84C 6P33	.33	3/8 x 1 1/2
			V84C 6D2	.002	1/4 x 1 1/4	V84C 6P47	.47	3/8 x 2 3/8
			V84C 6D22	.0022	1/4 x 1 1/4	V84C 6P5	.5	7/8 x 2 1/2

* Dupont's Registered trade name.

† TRADE MARK

AEROVOX KITS AK-100 and AK-101HS



Most popular 600 volt, 20% tolerance units packaged in a practical four-drawer metal cabinet with four compartments per plastic drawer. Each cabinet designed to stack so that you can add units as needed.

Kit AK-100 consists of 75 V84C capacitors in our twelve most popular values.

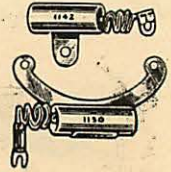
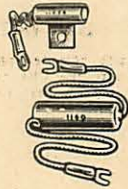
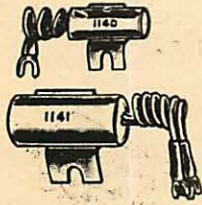
Kit AK-101HS contains 76 units consisting of the fourteen values recommended in the Howard W. Sams' PF Reporter "Stock Guide for Popular Replacement Parts."

Kit AK-100				Kit AK-101HS			
Quantity	Cap. Mfd.	Quantity	Cap. Mfd.	Quantity	Cap. Mfd.	Quantity	Cap. Mfd.
5	.001	7	.02	5	.001	5	.02
5	.002	3	.022	3	.0015	3	.022
3	.0022	3	.03	5	.002	3	.033
5	.0047	5	.047	3	.003	10	.047
5	.005	12	.05	10	.0047	3	.068
12	.01	10	.1	10	.01	10	.1
				3	.015	3	.15

AEROVOX

CAPACITORS RESISTORS

AUTO-RADIO CAPACITORS



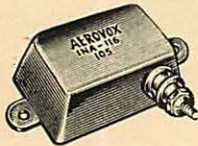
Type	Cap. Mfd.
SINGLE ELEMENT	
Car Generators	
Type 1120	1.0
Type 1140	0.5
DUAL ELEMENT	
Type 1141	0.5-0.5
Ford Auto Radios	
Type 1144	0.5
For 1936 Models	
Type 1150	0.5

Type	Cap. Mfd.
Motorola Auto Radios	
Type 1466	.0008
Ammeter Condenser	
Type 1160	0.5
Gas Gage Filter Condenser	
Type 1143-G	0.05
Oil Gage Filter Condenser	
Type 1142-0	0.25

Note: All auto radio capacitors subject to Federal Excise Tax.

FILTERS

R-F NOISE CAPACITANCE SUPPRESSORS

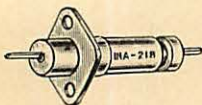


BYPASS
INA-116, INA-117, INA-118

These radio-noise suppression capacitors have been especially designed for use in aircraft, vehicular and industrial electric and electronic fields.

Primary application of the INA-116, INA-117, and INA-118, is as r-f bypass capacitors from line to ground in low voltage DC supply lines. These units are rated at full 150 VDC over temperature range of -55°C. to +71°C. and 60 VDC from -55°C. to +95°C.

Types INA-218, INA-219, INA-220 and INA-221 are feed-thru capacitors in which the effective section inductance is minimized by the so-called "duct-type" design. Significant reductions can often be realized in size, weight and in some instances, overall cost by the use of feed-thru capacitors as compared to the conventional r-f suppression filter designs. The feed-thru capacitors listed below may be used with good characteristics to 1000 megacycles. Operating temperature range is -55°C. to +85°C.

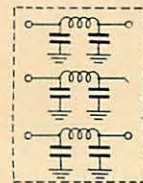
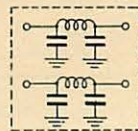
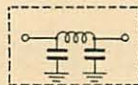


FEED-THRU
INA-218, INA-219, INA-220, INA-221

Type	Maximum Voltage	Nom. Cap. Rating (Mfd.)	Case Size	Mounting Centers
INA-117	150 VDC	2.0	1 3/4 x 1 x 3/4	2 1/8
INA-116	150 VDC	4.0	1 3/4 x 1 x 1/2	2 1/8
INA-118	150 VDC	10.0	2 x 2 x 7/8	2 3/8
INA-218	115 VAC - 200 VDC	.01	7/8 x 1	1 3/4
INA-219	115 VAC - 200 VDC	.05	7/8 x 2 3/8	1 3/4
INA-220	115 VAC - 200 VDC	.1	3/4 x 1	1 1/8
INA-221	115 VAC - 200 VDC	.25	3/4 x 1 1/4	1 3/8



HEAVY DUTY INDUSTRIAL FILTERS



Current Rating		One Circuit	
Amps	Type	L x W x D	
5	INB-104	4 1/2 x 5 x 3	
10	INB-100	4 1/2 x 5 x 3	
30	INB-101	6 x 6 x 4	
60	INB-121	6 x 6 x 4	
100	INB-123	9 x 9 x 4	
200	INB-125	9 x 9 x 4	

Two Circuit			
Type	L x W x D		
INB-105	6 x 6 x 3		
INB-102	6 x 6 x 3		
INB-103	6 x 9 x 4		
INB-122	6 x 9 x 4		
INB-118	12 x 9 x 4		
INB-126	12 x 9 x 4		

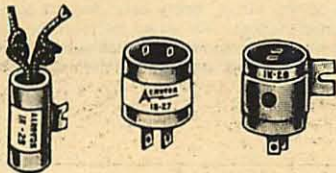
Three Circuit			
Type	L x W x D		
INB-106	4 1/2 x 9 x 3		
INB-107	4 1/2 x 9 x 3		
INB-108	6 x 12 x 4		
INB-119	6 x 12 x 4		
INB-124	16 x 9 x 4		
INB-127	16 x 9 x 4		

AEROVOX

CAPACITORS RESISTORS

FILTERS (Cont'd)

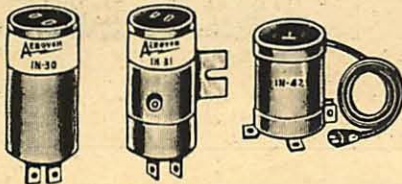
INTERFERENCE FILTERS



TYPE IN-23. Especially used for neon sign fixtures. Convenient mounting bracket. One filter for each fixture. Flexible leads. Also used on small motors. Size: 1 x 2 1/4 inches.

TYPE IN-27. Simple, inexpensive, plug-in unit where interference is slight. Size: 1 3/4 x 1 1/2 inches.

TYPE IN-28. For use where ground is at considerable distance. Most efficient when mounted on appliance. Bracket supplied. Size: 1 3/4 x 2 inches.



TYPE IN-29. Effective plug-in unit for local noise sources of variable character but strong intensity. Especially suited for shavers and other vibrating devices. Sizes: 1 3/8 x 3 inches.

TYPE IN-30. Similar to IN-29 but with greater inductance to handle more severe noise interference. Size: 1 3/8 x 3 inches.

TYPE IN-31. Bracket mounted unit with high inductance. Size: 1 3/8 x 3 inches.

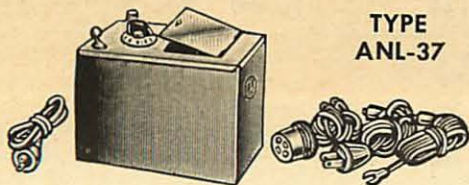
TYPE IN-42. Heavy duty unit for serious interference from power transmission lines, etc. Plugs into outlet. Appliance or radio plugs into receptacle in filter. Mounting ring provided. Rating: 110/220V AC; 6 amps. Size: 2 1/2 inch dia. x 3 3/4 inch.



TYPE IN-105. Low-impedance delta connected capacitor for fluorescent light fixture in bathtub case size 1 3/4" x 1" x 3/4" high.

TYPE IN-106. Best filter for fluorescents. Balanced network. Especially suited for radio and television salesrooms. One unit per fixture in series where power leads enter. Metal container with four stranded wire leads. Rating: 125V AC or DC; 2.6 amps. Size: 1 7/8" x 3" x 1 3/8" high.

INTERFERENCE ANALYZER



**TYPE
ANL-37**

The Aerovox Filter Selector eliminates the guess work in determining the proper filter to use. Plugs between interfering device and outlet. Adjust selector switch until noise is eliminated or minimized. Dial then indicates type filter (IN27 thru IN42) to be used.

Unit in handsome, sturdy metal cabinet. Compartment contains necessary attachment plugs and clips. Size: 5 1/2 x 8 inches.

UHF-INTERFERENCE FILTERS

These latest filter units provide maximum attenuation from 150 KC well up into the UHF range. And they are extra-rugged, extra-compact, extra-efficient, by any comparison with previous filters.

Primary applications are in r.f. noise suppression work in military or commercial aircraft and for vehicular low-voltage DC applications. Also, for special applications such as battery or low-voltage DC filters, for shield room applications, and for critical equipment.

Available in seven standard types meeting a wide variety of applications. For extraordinary requirements, special filters can be developed and built to your order.



Type	Amps	VDC	L x W x H
IN 148	2.0	150	1 3/4" x 1" x 7/8"
IN 150	3.0	150	1 1/2" x 1" x 1"
IN 151	5.0	150	1 1/2" x 1 1/4" x 1"
IN 152	10.0	150	2 1/4" x 1 1/4" x 1"
IN 153	25.0	150	2" x 2" x 1 1/4"
IN 156	40.0	150	5 1/2" x 1 1/2" x 1 1/4"
IN 154	100.0	150	3 1/2" x 2 1/2" x 2 7/8"

BUILT-IN FILTERS

High attenuation type, hermetically sealed units for use where severe interference is encountered and dependability is required. For permanently mounted applications. Aerovox special "PI type" construction insures efficient radio noise reduction over low frequency broadcast shortwave, and television bands. Suitable for Army-Navy or aircraft equipment where immersion and severe humidity tests must be met.

For single wire unbalanced applications. For two filtering use one filter in each line. Filter case must be securely bonded to the filter appliance and ground for maximum efficiency. These filters when used on high voltage AC should be used only on permanently grounded equipment.



Type	Maximum Voltage	Maximum Amperes	L x W x H
IN 110	250 VAC	5	2" x 2" x 1"
IN 111	250 VAC	10	2" x 2" x 1 1/4"
IN 112	250 VAC	30	3 1/4" x 2 1/4" x 2 7/8"

SCREEN ROOM FILTERS

Screen room filters comply with rigid specifications set up by the designers of the most advanced type screen rooms. All have attenuation equal to or exceeding that of the screen room. Easy mounting arrangements plus high attenuation assure you of the finest equipment specially designed for screen room use. These filters are hermetically sealed and terminals at both ends are shielded using knock-outs for 3/4" and 1" conduit.

1 1/4" diameter mounting hole on all cases is countersunk to permit flush mounting of the filter on the screen room.



Part No.	Curr. (Amps.)	Cir-cuits	Attenuation vs. Frequency	Size L x W x D	
*S-1076-1	50	1	0-60	100 db from 14 kc to 1000 mc	20" x 3 5/8" x 3 5/8"
*S-1076-2	50	2	0-60	100 db from 14 kc to 1000 mc	20" x 7 3/4" x 3 5/8"
*S-1076-3	50	3	0-60	100 db from 14 kc to 1000 mc	20 1/2" x 10 7/8" x 3 1/4"
S-1142-1	30	1	0-400	100 db from 150 kc to 1000 mc	10 1/2" x 2 7/8" x 2 1/4"
S-1142-2	30	2	0-400	100 db from 150 kc to 1000 mc	10 1/2" x 4 3/4" x 2 1/4"
S-1142-3	30	3	0-400	100 db from 150 kc to 1000 mc	10 1/2" x 7" x 2 1/4"
S-1302-1	100	1	0-60	100 db from 200 kc to 1000 mc	14" x 4 3/8" x 4 3/8"
*S-1303-1	60	1	0-1000	100 db from 100 kc to 1000 mc	20" x 3 5/8" x 3 5/8"
S-1304-1	80	1	0-60	100 db from 14 kc to 1000 mc	22" x 4 3/8" x 4 3/8"
S-1305-1	100	1	0-1000	100 db from 100 kc to 1000 mc	22" x 4 3/8" x 4 3/8"
S-1361-1	100	1	0-60	100 db from 14 kc to 1000 mc	22" x 4 3/8" x 4 3/8"
S-1432-1	100	1	0-60	100 db from 100 kc to 1000 mc	22" x 4 3/8" x 4 3/8"
S-1455-1	100	1	0-60	100 db from 150 kc to 1000 mc	22" x 4 3/8" x 4 3/8"
				Overall L.	Overall D.
S-1468-A	50	1	0-1000	>60 db/1000 mc to 10000 mc	10 3/4" 7/8"
S-1468-B	100	1	0-1000	>60 db/1000 mc to 10000 mc	10 3/4" 7/8"

*250VAC/DC. All others 500VAC/DC.

AEROVOX

CAPACITORS RESISTORS

TYPE JP20

High Voltage
Transmitter
Capacitors



PAPER OIL

High quality oil capacitors for communications, electronic and general DC applications in industrial equipment. Single or parallel grouped from 6000 to 50,000 VDCW. Heavy duty, highest quality precision construction thruout. Aerovox Hyvol impregnated. Hermetically sealed for long life under exacting operating conditions. Single units rated at 30 KV or less normally supplied with capacitor element insulated from ground. Units built to order. Submit full application information when ordering.

SIZE: HEIGHT x WIDTH x DEPTH

Capacity Mfd.	6000 VDCW	7500 VDCW	10,000 VDCW	12,500 VDCW		
.5		11 x 8 x 4		11 x 8 x 4		
1.0		11 x 8 x 4	11 x 8 x 4	11 x 12 x 4		
1.5						
2.0	11 x 8 x 4	11 x 8 x 4	11 x 12 x 4	13 x 12 x 6		
4.0	11 x 12 x 4	13 x 12 x 4	13 x 12 x 6			
5.0	11 x 12 x 4		13 x 12 x 6			
6.0	13 x 12 x 4	13 x 12 x 6		15 x 12 x 9½		
10.0	13 x 12 x 6					
	15,000 VDCW	20,000 VDCW	25,000 VDCW	37,500 VDCW	50,000 VDCW	
.1			11 x 12 x 4	13 x 13½ x 4	13 x 13½ x 4	
.25	11 x 8 x 4	11 x 8 x 4	11 x 12 x 4	13 x 13½ x 6	15 x 13½ x 8½	15 x 13½ x 8½
.5	11 x 12 x 4	11 x 12 x 4	11 x 12 x 6	15 x 13½ x 8½	15 x 13½ x 15	15 x 15½ x 15
1.0	13 x 12 x 4	13 x 12 x 6	15 x 12 x 9½			
1.5		15 x 12 x 9½				
2.0	15 x 12 x 9½	15 x 12 x 9½				
3.0	15 x 12 x 9½					
4.0		15 x 14 x 16				



TYPE PX—Energy Storage Capacitors

For high-speed flash photography, flash signaling equipment, pulsing and other energy storage use^s

VDC Peak	Nominal Cap. Mfd.	Type No.
1500	20	22.5 Watt Seconds PX10D1
	28	50.0 Watt Seconds PX14D3
2500	24	75.0 Watt Seconds PX14D2
	16	PX18D1
2500	30	100.0 Watt Seconds PX15D1
	12.5	PX20D1
Size: Depth x Width x Height		
	PX10D1	2½" x 3¼" x 4½"
	PX15D1	4¼" x 3¼" x 6½"
	ALL OTHERS	4¼" x 3¼" x 4½"

TYPE JP12 Vertical-Mounting Oil-Impregnated Oil-Filled

High-voltage, inverted or vertical, immersion-proof unit suitable for such high-voltage circuit applications as in television, cathode-ray tube power supplies, high-voltage rectifiers, or as a high-voltage by-pass capacitor.

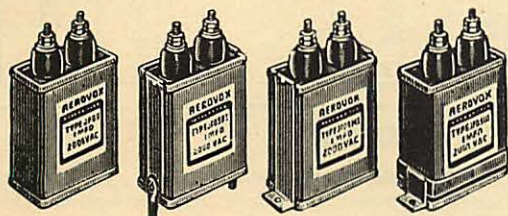


Cap. Mfd.	Hght. x Dia.	Cap. Mfd.	Hght. x Dia.	Cap. Mfd.	Hght. x Dia.
2000 VDCW		4000 VDCW		7500 VDCW	
1.0	3¼ x 2¼	.05	2¼ x 2¼	.01	3¼ x 2¼
2.0	5¼ x 2¼	.1	3¼ x 2¼	.02	3¼ x 2¼
		.25	5¼ x 2¼	.03	3¼ x 2¼
3000 VDCW		6000 VDCW		.05	4¼ x 2¼
.05	2¼ x 2¼	.03	2¼ x 2¼	.1	4¼ x 2¼
.1	2¼ x 2¼	.05	3¼ x 2¼		
.25	3¼ x 2¼	.1	4¼ x 2¼		
.5	3¼ x 2¼				
1.0	5¼ x 2¼				

AEROVOX CAPACITORS RESISTORS

INDUSTRIAL SECTION — STANDARD TYPES

TYPE JP09



JP09 JP09MSB JP09MS JP09MB

PAPER CAPACITORS

Immersion-proof units in sturdy, rectangular metal cans. High-voltage, screw-type, pillar terminals fitted with soldering lugs. Use of HYVOL allows exceptionally compact size for capacity, working voltage and safety factor. Intended for heavy-duty, continuous service in transmitters, amplifiers, etc. Operating temperature -55 to +85°C.

Standard tolerance +20 -10%. Other tolerance on request.

Type MB bracket is supplied unless otherwise specified except on units with base sizes 3 1/4" x 3 3/8" and 3 3/4" x 4 1/4" where Type MS bracket is supplied. MSB bracket is available for all sizes on request.

CAPACITY	SIZE	CAPACITY	SIZE	CAPACITY	SIZE	CAPACITY	SIZE	CAPACITY	SIZE
600 V		6.0	1 1/4 x 3 3/4 x 4 3/4	2000 V		3000 V		5000 V	
.5	1 1/4 x 1 1/4 x 2 1/4	8.0	1 3/4 x 3 3/4 x 3 7/8*	.1	1 1/4 x 1 1/4 x 2 1/8	.1	1 3/4 x 2 1/2 x 2	.1	2 1/4 x 3 3/4 x 2 3/4
1.0	1 1/4 x 1 1/4 x 2 1/4	10.0	1 1/4 x 3 3/4 x 4 3/4	.25	1 1/4 x 1 1/4 x 2 1/8	.25	1 3/4 x 2 1/2 x 2 1/2	.25	2 1/4 x 3 3/4 x 3 7/8
2.0	1 1/4 x 1 1/4 x 2 7/8	12.0	1 3/4 x 3 3/4 x 4 3/4	.5	1 1/4 x 1 1/4 x 2 7/8	.5	1 3/4 x 2 1/2 x 3 7/8	.5	2 1/4 x 3 3/4 x 4 1/2
3.0	1 1/4 x 1 1/4 x 3 7/8	15.0	2 1/4 x 3 3/4 x 3 7/8	1.0	1 3/4 x 2 1/2 x 3 1/2	1.0	2 1/4 x 3 3/4 x 3 7/8	1.0	3 3/4 x 4 1/4 x 4 3/8
4.0	1 3/4 x 2 1/2 x 3 1/2			2.0	1 1/4 x 3 3/4 x 4 1/4	2.0	3 3/4 x 3 3/4 x 4 1/8	2.0	3 3/4 x 4 1/4 x 6
5.0	1 1/4 x 1 1/4 x 4 3/4	1500 V		3.0	1 1/4 x 3 3/4 x 4 3/4	4.0	3 3/4 x 4 1/4 x 4 3/4		
6.0	1 3/4 x 2 1/2 x 4 3/4	.5	1 1/4 x 1 1/4 x 2 7/8	4.0	2 1/4 x 3 3/4 x 3 7/8	4000 V		6000 V	
8.0	1 1/4 x 3 3/4 x 3 7/8	1.0	1 1/4 x 1 1/4 x 3 7/8	5.0	2 1/4 x 3 3/4 x 4 3/4	.1	2 1/4 x 3 3/4 x 2 3/4	.1	2 1/4 x 3 3/4 x 3 3/8
10.0	1 1/4 x 3 3/4 x 4 3/4	2.0	1 3/4 x 2 1/2 x 4 1/4	6.0	3 3/4 x 3 3/4 x 4 1/2	.25	2 1/4 x 3 3/4 x 2 3/4	.25	2 1/4 x 3 3/4 x 4 1/2
12.0	1 1/2 x 3 3/4 x 4 3/4	3.0	1 3/4 x 2 1/2 x 4 3/4	8.0	3 3/4 x 3 3/4 x 4 3/4	.5	2 1/4 x 3 3/4 x 2 3/4	1.0	3 3/4 x 4 1/4 x 7 1/2
15.0	1 3/4 x 3 3/4 x 4 3/4	4.0	1 1/4 x 3 3/4 x 4 3/4	10.0	3 3/4 x 4 1/4 x 4 3/4	1.0	2 1/4 x 3 3/4 x 3 7/8		
		5.0	1 3/4 x 3 3/4 x 4 3/4	12.0	3 3/4 x 4 1/4 x 5 1/2	2.0	2 1/4 x 3 3/4 x 5 1/8	7500 V	
1000 V		6.0	1 3/4 x 3 3/4 x 4 3/4	15.0	3 3/4 x 4 1/4 x 6 1/2	4.0	3 3/4 x 4 1/4 x 5 1/8	.1	2 1/4 x 3 3/4 x 3 7/8
.1	1 1/4 x 1 1/4 x 1 5/8	8.0	2 1/2 x 3 3/4 x 4 3/4	2500 V			3 3/4 x 4 1/4 x 8 1/2	.25	3 3/4 x 4 1/4 x 3 7/8
.25	1 1/4 x 1 1/4 x 2 1/4	10.0	3 3/4 x 3 3/4 x 4 3/4	.5	1 3/4 x 2 1/2 x 3 1/2			.5	3 3/4 x 4 1/4 x 5 1/8
.5	1 1/4 x 1 1/4 x 2 1/4	12.0	3 3/4 x 3 3/4 x 4 3/4	1.0	1 3/4 x 3 3/4 x 3 1/4				
1.0	1 1/4 x 1 1/4 x 2 1/4	15.0	3 3/4 x 4 1/4 x 4 3/4	2.0	1 3/4 x 3 3/4 x 4 3/4				
2.0	1 1/4 x 1 1/4 x 3 1/8			4.0	3 3/4 x 4 1/4 x 4				
3.0	1 3/4 x 2 1/2 x 3 1/2			10.0	3 3/4 x 4 1/4 x 6 3/8				
4.0	1 3/4 x 2 1/2 x 4 3/4								
5.0	1 1/4 x 3 3/4 x 3 7/8								

*To be supplied in this size until current stock is depleted after which alternate size will be supplied.



TYPE JP10

Cylindrical hermetically sealed can with screwbase molded cover for vertical mounting. These units are Hyvol impregnated and filled for long life and safe operation at temperatures from -55 to +85°C.

Standard units have two terminals, case floating.

Standard tolerance +20% -10%. Other tolerances available on request.

CAPACITY	600 V D C W	1000 V D C W	1500 V D C W
	SIZE	SIZE	SIZE
.5	JP610	JP1010	JP1510 1 1/2 x 2 3/8
1.0		1 1/2 x 2 7/8	1 1/2 x 3 7/8
2.0	1 1/2 x 2 7/8	1 1/2 x 4 1/2	
4.0	1 1/2 x 4 1/2		

AEROVOX

CAPACITORS RESISTORS

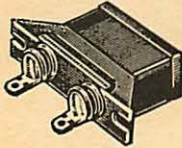
INDUSTRIAL SECTION—STANDARD TYPES (Continued)

TYPE JP16M and JP16MCT



Small corrosion and immersion-proof unit for severe atmospheric and climatic conditions. JP16MCT is standard; JP16M is available in 400 and 600 volts. Operating temperature -55 to +85°C. Dual units have two terminals, case grounded. Standard tolerance +20 -10%. CP06S and CP06F brackets available for JP16M. Base Size 1 1/4 x 1 1/4.

SINGLE CAPACITY	400 VDCW	600 VDCW	1000 VDCW	DUAL CAPACITY	600 VDCW
	HEIGHT	HEIGHT	HEIGHT		HEIGHT
	JP16M, JP16MCT	JP16M, JP16MCT	JP1016MCT		JP16M JP16MCT
.05		1 1/4	1 1/4	2 x .05	1 1/4
.1	1 1/4	1 3/4	1 3/4	2 x .1	1 3/4
.25	1 1/4	1 3/4	2	2 x .25	2
.5	1 3/4	2	2 1/4	2 x .5	2 1/4
1.0	2	2 1/4			



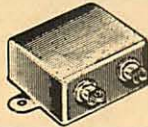
TYPE JP18MCB

Similar to JP16M in construction and electrical characteristics. Because of the difference in the base size type JP18MCB can be supplied with three terminals. Dual units are case floating, triples are case grounded. The size difference also makes these units suitable for use in assemblies where JP16M's do not fit. Operating temperature range -55 to +85°C. Standard tolerance +20 -10%.

Capacity	400 VDCW	600 VDCW	1000 VDCW	Capacity	400 VDCW	600 VDCW	1000 VDCW	Capacity	400 VDCW	600 VDCW	1000 VDCW
	Height	Height	Height		Height	Height	Height		Height	Height	Height
	JP418MCB	JP618MCB	JP1018MCB		JP418MCB	JP618MCB	JP1018MCB		JP418MCB	JP618MCB	JP1018MCB
.01			1 1/4	2 x .01			1 1/4	3 x .01			1 1/4
.02			1 1/4	2 x .02			1 1/4	3 x .02			1 1/4
.05	1	1 1/4	1 1/4	2 x .05	1	1 1/4	1 1/4	3 x .05	1 1/4	1 1/2	1 1/2
.1	1	1 1/4	1 1/2	2 x .1	1 1/4	1 1/2	2	3 x .1	1 1/4	1 1/2	2 1/2
.25	1 1/4	1 1/2	2	2 x .25	1 1/2	2	2 1/4	3 x .25	2	2 1/4	
.5	1 1/2	2	2 1/2	2 x .5	2 1/4	2 1/4					
1.0	2	2 1/4									

BASE SIZE 1 1/4 x 1 1/4

TYPE JP30M Bathtub Case



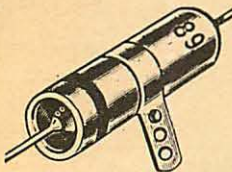
High-quality bypass capacitors furnished in drawn metal bathtub cases, hermetically sealed. These units are Hyvol M impregnated for operation at temperatures from -55 to +85°C. They are especially recommended for applications where high reliability and superior performance are required. Typical applications for these rugged units would include marine, aircraft and tropical climates. Standard tolerance +20% -10%.

Capacity	400 VDCW	600 VDCW	1000 VDCW	Capacity	400 VDCW	600 VDCW	1000 VDCW	Capacity	400 VDCW	600 VDCW	1000 VDCW
	Size	Size	Size		Size	Size	Size		Size	Size	Size
	JP430M	JP630M	JP1030M		JP430M	JP630M	JP1030M		JP430M	JP630M	JP1030M
.05	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .05	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .05	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
.1	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .1	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .1	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
.25	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .25	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .25	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
.5	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .5	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	2 x .5	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
.75	2 1/4 x 1 1/4 x 3/4	2 1/4 x 1 1/4 x 3/4	2 1/4 x 1 1/4 x 3/4	2 x 1.0	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1.0	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4
1.0	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	3 x .05	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	3 x .05	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
2.0	2 x 2 x 1 1/4	2 x 2 x 1 1/4	2 x 2 x 1 1/4	3 x .1	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	3 x .1	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4	1 1/4 x 1 x 3/4
				3 x .25	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	3 x .25	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4	2 x 1 1/4 x 3/4
				3 x .5	2 x 2 x 1	2 x 2 x 1	2 x 2 x 1	3 x .5	2 x 2 x 1	2 x 2 x 1	2 x 2 x 1

* Also available with top terminals, size 2 x 1 1/4 x 3/4, Type JP30MT.

TYPE JP89M

Immersion-proof, oil-impregnated, oil filled units in hermetically sealed metal tubes. Ideal for coupling and bypass functions in transmitters, high-voltage applications and for use in test equipment. Case is insulated, not connected to the capacitor section. Standard units are supplied with cardboard insulating sleeve and radial mounting bracket (Type P89M). All sizes shown are can sizes. For size over insulating sleeve add 1/16" to diameter and 3/16" to length.



- Available in the following style variations:
- JP89M —with cardboard insulating sleeve, radial mtg. bracket.
 - JP89MA —with cardboard insulating sleeve and tangential mounting bracket.
 - JP89MAP —with plastic insulating sleeve and tangential mtg. bracket.
 - JP89MAY —without insulating sleeve but with tangential mounting bracket.
 - JP89MP —with plastic insulating sleeve, radial mtg. bracket.
 - JP89MX —without mounting bracket but with cardboard insulating sleeve.
 - JP89MXP —without mounting bracket but with plastic insulating sleeve.
 - JP89MXY —without insulating sleeve or mtg. bracket.
 - JP89MY —without insulating sleeve but with radial mounting bracket.

Voltage	Capacity	Can Size	Voltage	Capacity	Can Size	Voltage	Capacity	Can Size
400V	.01	3/8 x 1 1/4	1000V	.03	3/4 x 1 1/4	2500V	.02	3/4 x 2
400V	.02	1/2 x 1 1/4	1000V	.05	3/4 x 1 1/4	2500V	.03	3/4 x 2 1/4
400V	.05	1/2 x 1 1/4	1000V	.1	1 1/4 x 1 1/4	2500V	.05	3/4 x 2 1/2
400V	.1	3/4 x 1 1/4	1000V	.25	1 1/4 x 2 1/4	2500V	.1	1 x 3
400V	.25	1 1/4 x 2 1/4	2000V	.001	3/4 x 1 1/4	3000V	.005	3/4 x 1 1/4
400V	.5	1 x 2 1/4	2000V	.005	3/4 x 1 1/4	3000V	.01	3/4 x 1 1/4
600V	.001	3/4 x 1 1/4	2000V	.01	3/4 x 1 1/4	3000V	.02	3/4 x 2
600V	.005	3/4 x 1 1/4	2000V	.015	3/4 x 1 1/4	3000V	.03	1 x 2 1/4
600V	.01	3/4 x 1 1/4	2000V	.02	3/4 x 1 1/4	3000V	.05	1 x 2 1/2
600V	.02	3/4 x 1 1/4	2000V	.03	3/4 x 1 1/4	3000V	.1	1 1/4 x 2 1/4
600V	.05	3/4 x 1 1/4	2000V	.04	3/4 x 2 1/4	4000V	.05	1 1/4 x 3 1/4
600V	.1	3/4 x 1 1/4	2000V	.05	3/4 x 2 1/4	4000V	.1	1 1/4 x 4 1/4
600V	.25	3/4 x 2 1/4	2000V	.1	1 x 2 1/2	6000V	.005	1 x 2 1/2
600V	.5	1 1/4 x 2 1/4	2500V	.005	3/4 x 1 1/4	6000V	.01	1 x 3 1/4
1000V	.01	3/4 x 1 1/4	2500V	.01	3/4 x 1 1/4	6000V	.05	1 1/4 x 5

ALL TYPES ON THIS PAGE AVAILABLE IN CLOSER TOLERANCE ON SPECIAL ORDER

AEROVOX

CAPACITORS RESISTORS

INDUSTRIAL SECTION—STANDARD TYPES (Continued) PAPER SUB-MINIATURES



Tubular, metal-cased capacitors, hermetically sealed with glass terminal end seals. Miniaturized, conventional, foil-paper construction. Especially developed to meet high temperature and minimum space requirements of present day electronic equipment. Designed for rugged long life operation, these units are preferred for many of those applications where reliability is a factor. Impregnated with Hyvol "S" a special, high-temperature-operating, stable, liquid impregnant for operation at elevated temperature. These units are capable of withstanding a voltage breakdown test of twice rated voltage between terminals or between terminals and case for a one-minute period. Ambient temperature shall be plus 25°C. plus or minus 10°C. during this test. Power factor will be less than 1% when measured or referred to a frequency of 1000 cycles per second at 25°C. Types P123S and P123SX are rated for operation over a temperature range of -65°C. to +100°C. Types P323S and P323SX are rigidly processed to assure operation over the temperature range of -65°C. to +125°C. The capacitor sections on types P123S and P323S utilize an inserted tab construction to obtain minimum size. Types P123SX and P323SX utilize extended foil construction for those applications where operation is required at very low AC voltages.

All values are available in ±10% or ±20%.

* Style Variations

Suffix	Description	Suffix	Description	Suffix	Description
G	— One end grounded	T	— Insulated with threaded neck mounting	V	— Insulated with side vertical bracket
	— Omit G, both ends insulated	GE	— Grounded with axial threaded stud	GB	— Grounded with tangential bracket
GP	— Grounded and plastic sleeve	GR	— Grounded with two radial threaded studs	B	— Insulated with tangential bracket
P	— Insulated with plastic sleeve	R	— Insulated with two radial threaded studs	GL	— Grounded with tab terminal
GT	— Grounded with threaded neck mounting	GV	— Grounded with side vertical bracket	L	— Insulated with tab terminal

* Style variations and ratings listed below are standard. All others available on special order.

Capacity	P123S P323S	P123SP P323SP	P123SX P323SX	P123SX P P323SX P	Capacity	P123S P323S	P123SP P323SP	P123SX P323SX	P123SX P P323SX P
100 Volts					300 Volts (cont.)				
.001	.175 x 3/4	.237 x 13/16	.175 x 3/4	.237 x 13/16	.033	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 15/16
.0015	.175 x 3/4	.237 x 13/16	.175 x 3/4	.237 x 13/16	.047	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 15/16
.0022	.175 x 3/4	.237 x 13/16	.175 x 3/4	.237 x 13/16	.068	.400 x 7/8	.462 x 15/16	.400 x 1 1/8	.462 x 15/16
.0033	.175 x 3/4	.237 x 13/16	.175 x 3/4	.237 x 13/16	.1	.400 x 1 1/8	.462 x 15/16	.400 x 1 1/8	.462 x 15/16
.0047	.175 x 3/4	.237 x 13/16	.175 x 3/4	.237 x 13/16	.15	.400 x 1 1/8	.462 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0068	.175 x 3/4	.237 x 13/16	.195 x 3/4	.257 x 13/16	.22	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.01	.175 x 3/4	.237 x 13/16	.235 x 3/4	.297 x 13/16	.33	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.015	.175 x 3/4	.237 x 13/16	.235 x 3/4	.297 x 13/16	.47	.562 x 1 1/8	.624 x 1 1/8	.670 x 1 1/8	.732 x 1 1/8
.022	.195 x 3/4	.257 x 13/16	.312 x 7/8	.374 x 15/16	.68	.670 x 1 1/8	.732 x 1 1/8	.750 x 2 1/8	.812 x 2 1/8
.033	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	1.0	.750 x 2 1/8	.812 x 2 1/8	1.000 x 2 1/8	1.062 x 2 1/8
.047	.312 x 7/8	.374 x 15/16	.312 x 7/8	.374 x 15/16	400 Volts				
.068	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8	.001	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.1	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8	.0015	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.15	.400 x 7/8	.462 x 15/16	.400 x 1 1/8	.462 x 1 1/8	.0022	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.22	.400 x 1 1/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8	.0033	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.33	.400 x 1 1/8	.462 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.0047	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
.47	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.0068	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
.68	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.01	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
1.0	.562 x 1 1/8	.624 x 1 1/8	.670 x 1 1/8	.732 x 1 1/8	.015	.312 x 7/8	.374 x 15/16	.312 x 7/8	.374 x 15/16
200 Volts					.022	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8
.001	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.033	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8
.0015	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.047	.400 x 7/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8
.0022	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.068	.400 x 1 1/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8
.0033	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.1	.400 x 1 1/8	.462 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0047	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.15	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0068	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.22	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.01	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.33	.562 x 1 1/8	.624 x 1 1/8	.670 x 1 1/8	.732 x 1 1/8
.015	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.47	.670 x 1 1/8	.732 x 1 1/8	.750 x 2 1/8	.812 x 2 1/8
.022	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.68	.750 x 2 1/8	.812 x 2 1/8	.750 x 2 1/8	.812 x 2 1/8
.033	.312 x 7/8	.374 x 15/16	.312 x 7/8	.374 x 15/16	1.0	1.000 x 1 1/8	1.062 x 1 1/8	1.000 x 2 1/8	1.062 x 2 1/8
.047	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8	600 Volts				
.068	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8	.001	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.1	.400 x 7/8	.462 x 15/16	.400 x 1 1/8	.462 x 1 1/8	.0015	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.15	.400 x 1 1/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8	.0022	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16
.22	.400 x 1 1/8	.462 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.0033	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
.33	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.0047	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
.47	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8	.0068	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16
.68	.562 x 1 1/8	.624 x 1 1/8	.670 x 1 1/8	.732 x 1 1/8	.01	.312 x 7/8	.374 x 15/16	.312 x 7/8	.374 x 15/16
1.0	.670 x 1 1/8	.732 x 1 1/8	.750 x 2 1/8	.812 x 2 1/8	.015	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8
300 Volts					.022	.312 x 7/8	.374 x 15/16	.400 x 7/8	.462 x 1 1/8
.001	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.033	.400 x 7/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8
.0015	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.047	.400 x 1 1/8	.462 x 1 1/8	.400 x 1 1/8	.462 x 1 1/8
.0022	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.068	.400 x 1 1/8	.462 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0033	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.1	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0047	.235 x 3/4	.297 x 13/16	.235 x 3/4	.297 x 13/16	.15	.562 x 1 1/8	.624 x 1 1/8	.562 x 1 1/8	.624 x 1 1/8
.0068	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.22	.562 x 1 1/8	.624 x 1 1/8	.670 x 1 1/8	.732 x 1 1/8
.01	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.33	.670 x 1 1/8	.732 x 1 1/8	.750 x 2 1/8	.812 x 2 1/8
.015	.235 x 3/4	.297 x 13/16	.312 x 7/8	.374 x 15/16	.47	.750 x 2 1/8	.812 x 2 1/8	.750 x 2 1/8	.812 x 2 1/8
.022	.312 x 7/8	.374 x 15/16	.312 x 7/8	.374 x 15/16	.68	1.000 x 1 1/8	1.062 x 1 1/8	1.000 x 2 1/8	1.062 x 2 1/8
400 Volts					1.0	1.000 x 2 1/8	1.062 x 2 1/8	1.000 x 2 1/8	1.062 x 2 1/8

AEROVOX

CAPACITORS RESISTORS

INDUSTRIAL SECTION—STANDARD TYPES (Continued) METALLIZED-PAPER CAPACITORS (Continued)

TYPE P82Z Wax Impregnated Cardboard Sleeve

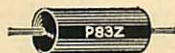


Metallized-paper capacitor in wax impregnated cardboard sleeve. These units are manufactured with metal end caps and extended foil construction for low impedance. Operating temperature, -40°C . to $+70^{\circ}\text{C}$. Standard tolerance $\pm 20\%$.

Dimensional Tolerance $+ \frac{1}{32}''$
on diameter and length

Capacity Mfd.	200 V	400 V	600 V
.01	$\frac{3}{16} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{3}{8}$
.02	$\frac{3}{8} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{3}{8}$
.03	$\frac{3}{8} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{3}{8}$	$1\frac{1}{32} \times \frac{3}{8}$
.05	$\frac{3}{8} \times \frac{3}{8}$	$1\frac{1}{32} \times \frac{3}{8}$	$1\frac{1}{32} \times \frac{3}{8}$
.1	$\frac{3}{8} \times \frac{3}{8}$	$1\frac{1}{32} \times 1\frac{1}{8}$	$1\frac{1}{32} \times 1\frac{1}{8}$
.25	$1\frac{1}{32} \times \frac{3}{8}$	$\frac{9}{16} \times 1\frac{1}{8}$	$\frac{3}{4} \times 1\frac{1}{8}$
.5	$1\frac{1}{32} \times 1\frac{1}{8}$	$\frac{3}{4} \times 1\frac{1}{8}$	$2\frac{1}{32} \times 1\frac{1}{8}$
1.0	$\frac{3}{4} \times 1\frac{1}{8}$	$2\frac{1}{32} \times 2\frac{1}{8}$	$2\frac{1}{32} \times 2\frac{1}{8}$
2.0	$\frac{3}{4} \times 1\frac{1}{8}$		

TYPE P83Z Microminiatures



Ultra-small, new metallized-paper dielectric capacitor particularly applicable in the electronic field to replace the low capacity paper units now being used. Hyvol K impregnated in humidity resistant molded thermo-plastic cases.

Standard Tolerance $\pm 25\%$

Capacity Mfd.	Voltage	Case Size (Inches) Dia. x Lgth.	Capacity Mfd.	Voltage	Case Size (Inches) Dia. x Lgth.
.004	200 VDC	$\frac{3}{16} \times \frac{3}{16}$	.0005	600 VDC	$\frac{3}{16} \times \frac{3}{16}$
.005	200 VDC	$\frac{3}{16} \times \frac{3}{16}$	.0008	600 VDC	$\frac{3}{16} \times \frac{3}{16}$
.01	200 VDC	$\frac{3}{16} \times \frac{3}{16}$	.001	600 VDC	$\frac{3}{16} \times \frac{3}{16}$
.02	200 VDC	$\frac{1}{4} \times \frac{3}{16}$	.002	600 VDC	$\frac{1}{4} \times \frac{3}{16}$
.04	200 VDC	$\frac{1}{4} \times \frac{3}{16}$	.0022	600 VDC	$\frac{1}{4} \times \frac{3}{16}$
.002	400 VDC	$\frac{3}{16} \times \frac{3}{16}$	.0047	600 VDC	$\frac{1}{4} \times \frac{3}{16}$
.003	400 VDC	$\frac{3}{16} \times \frac{3}{16}$	.005	600 VDC	$\frac{1}{4} \times \frac{3}{16}$
.008	400 VDC	$\frac{1}{4} \times \frac{3}{16}$	.0068	600 VDC	$\frac{1}{4} \times \frac{3}{16}$
.01	400 VDC	$\frac{1}{4} \times \frac{3}{16}$			

TYPE P89ZXY Hermetically Sealed Tubulars



Hermetically sealed metallized paper capacitors. Sealed in metal cases with rubber bakelite end seals. Impregnated with Hyvol K or Hyvol M, these units are manufactured for operating temperature of -55°C . to $+70^{\circ}\text{C}$. without voltage derating and operation up to 95°C . ambient with derating. Standard units are furnished without insulating tube or bracket (P89ZXY). Standard tolerance $\pm 20\%$. Also available in $\pm 10\%$ and $\pm 5\%$ on special order.

Style Variations
P89Z —with cardboard insulating sleeve and radial mounting bracket.
P89ZXP —without mounting bracket but with plastic insulating sleeve.
P89ZXY —without insulating sleeve or mounting bracket.
P89ZY —without insulating sleeve but with radial mounting bracket.

Cap. Mfd.	Size 150 VDC	Size 200 VDC	Size 400 VDC	Size 600 VDC
.01				$\frac{1}{2} \times 1$
.02				$\frac{1}{2} \times 1$
.03			$\frac{3}{8} \times 1$	$\frac{1}{2} \times 1$
.05		$\frac{3}{8} \times 1$	$\frac{3}{8} \times 1$	$\frac{1}{2} \times 1$
.1		$\frac{3}{8} \times 1$	$\frac{3}{8} \times 1\frac{1}{4}$	$\frac{1}{2} \times 1\frac{1}{2}$
.25		$\frac{1}{2} \times 1$	$\frac{3}{8} \times 1\frac{1}{4}$	$\frac{1}{2} \times 1\frac{1}{2}$
.5		$\frac{1}{2} \times 1\frac{1}{4}$	$\frac{3}{8} \times 2$	$\frac{3}{4} \times 2$
1.0		$\frac{3}{4} \times 1\frac{1}{2}$	$\frac{3}{4} \times 2\frac{1}{2}$	$1\frac{1}{4} \times 2\frac{1}{2}$
2.0		$\frac{3}{4} \times 2$	$1 \times 2\frac{1}{2}$	$1\frac{1}{4} \times 2\frac{1}{2}$
3.0	$\frac{3}{4} \times 2$			
4.0	$1\frac{1}{4} \times 2$			
6.0	1×2			

TYPE P92ZN High Temperature Tubulars



AEROVOX type P92ZN Aerolene impregnated metallized-paper capacitors are modified plastic tubular type. Duranite end-sealed capacitors in paper cases. Operating temperature range is -30°C . to $+100^{\circ}\text{C}$. Dimensional Tolerance $+ \frac{1}{32}''$ on diameter and length

Capacity	200 V	400 V	600 V
.01	$\frac{3}{16} \times \frac{9}{16}$	$\frac{1}{4} \times 2\frac{1}{32}$	$\frac{5}{16} \times 2\frac{1}{32}$
.02	$\frac{1}{4} \times 2\frac{1}{32}$	$\frac{3}{8} \times 2\frac{1}{32}$	$\frac{3}{8} \times 2\frac{1}{32}$
.03	$\frac{1}{4} \times 2\frac{1}{32}$	$\frac{3}{8} \times 2\frac{1}{32}$	$1\frac{1}{32} \times 2\frac{1}{32}$
.05	$\frac{1}{4} \times 2\frac{1}{32}$	$\frac{1}{4} \times 2\frac{1}{32}$	$1\frac{1}{32} \times 2\frac{1}{32}$
.1	$\frac{5}{32} \times 2\frac{1}{32}$	$\frac{3}{8} \times 1\frac{1}{32}$	$1\frac{1}{32} \times 1\frac{1}{32}$
.25	$\frac{7}{16} \times 2\frac{1}{32}$	$\frac{3}{8} \times 1\frac{1}{32}$	$\frac{3}{4} \times 1\frac{1}{32}$
.5	$1\frac{1}{32} \times 1\frac{1}{32}$	$\frac{1}{4} \times 1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
1.0	$\frac{3}{8} \times 1\frac{1}{8}$	$\frac{1}{4} \times 1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
2.0	$\frac{3}{8} \times 1\frac{1}{8}$	$1\frac{1}{16} \times 2\frac{1}{8}$	$1\frac{1}{4} \times 2\frac{1}{8}$

TYPE P123ZNN

Low-Voltage
Metal-Cased
Capacitors
Rated at 50 VDCW



Specifically designed for transistor applications. Housed in tubular metal case with glass terminal seal and extended electrode construction. Exclusive Aerovox type NN solid impregnant enables these units to be used at any voltage up to rated voltage. Temperature range -65°C to $+85^{\circ}\text{C}$. P123ZNN and P123ZNNP are case insulated. Case grounded construction (P123ZNNNG and P123ZNNGP) available on special order. Standard tolerance $\pm 20\%$. Suffix "P" denotes plastic insulating tube.

Capacity	P123ZNN	P123ZNNP
.047	.195 x $1\frac{1}{16}$	.257 x $\frac{7}{8}$
.068	.195 x $1\frac{1}{16}$	.257 x $\frac{7}{8}$
.1	.195 x $1\frac{1}{16}$	.257 x 1
.15	.235 x $1\frac{1}{16}$	.297 x 1
.22	.312 x $1\frac{1}{16}$	.374 x $\frac{7}{8}$
.33	.312 x $1\frac{1}{8}$	.374 x $1\frac{1}{16}$
.47	.312 x $1\frac{1}{8}$	.374 x $1\frac{1}{8}$
.68	.400 x $1\frac{1}{8}$	.462 x $1\frac{1}{8}$
1.0	.400 x $1\frac{1}{8}$	.462 x $1\frac{1}{8}$
1.5	.500 x $1\frac{1}{8}$	.562 x $1\frac{1}{8}$
2.0	.562 x $1\frac{1}{8}$	.624 x $1\frac{1}{8}$
3.0	.562 x $1\frac{1}{8}$	.624 x $1\frac{1}{2}$
4.0	.670 x $1\frac{1}{8}$	.732 x $1\frac{1}{2}$

ALL TYPES ON THIS PAGE AVAILABLE IN CLOSER TOLERANCE ON SPECIAL ORDER

AEROVOX

CAPACITORS RESISTORS

INDUSTRIAL SECTION — MIL TYPES TYPE CP70



Characteristics E and F • Porcelain and Riveted Terminals

Oil impregnated and filled, large, rectangular, metal-cased capacitor for heavy-duty, continuous-service applications such as power supplied for transmitters, amplifiers, etc. immersion proof and hermetically sealed. Available with either high-voltage screw-type porcelain-pillar terminals or the space-saving riveted terminal. Pillar terminals have soldering lugs. Standard tolerance $\pm 10\%$ (K). Also available in $\pm 20\%$ tolerance (M). MIL-C-25A mounting brackets are also available for all units.

Capacity	Voltage	CHAR. E JP09M Porc. Term	Case Size and Brkt. Desig.	CHAR. F JP09M Porc. Term	Case Size and Brkt. Desig.	CHAR. E JP09MR Rivet Term	Case Size and Brkt. Desig.	CHAR. F JP09MR Rivet Term	Case Size and Brkt. Desig.
.5	600V	CP70E1EF504K	A2						
1.0	600V	CP70E1EF105K	A2						
2.0	600V	CP70E1EF205K	A4	CP70E1FF205K	A3	CP70B1EF105K	A2	CP70B1FF205K	A3
4.0	600V	CP70E1EF405K	B4	CP70E1FF405K	B3	CP70B1EF405K	B4	CP70B1FF405K	B3
6.0	600V	CP70E1EF605K	C2	CP70E1FF605K	B6	CP70B1EF605K	C2	CP70B1FF605K	B6
8.0	600V	CP70E1EF805K	C3	CP70E1FF805K	C2	CP70B1EF805K	C3	CP70B1FF805K	C2
10.0	600V	CP70E1EF106K	D3	CP70E1FF106K	C4	CP70B1EF106K	D3	CP70B1FF106K	C4
.1	1000V	CP70E1EG104K	A1						
.25	1000V	CP70E1EG254K	A2						
.5	1000V	CP70E1EG504K	A2						
1.0	1000V	CP70E1EG105K	A3	CP70E1FG105K	A2	CP70B1EG105K	A3		
2.0	1000V	CP70E1EG205K	A6	CP70E1FG205K	A5	CP70B1EG205K	A6	CP70B1FG205K	A5
4.0	1000V	CP70E1EG405K	C2	CP70E1FG405K	B6	CP70B1EG405K	C2	CP70B1FG405K	B6
6.0	1000V	CP70E1EG605K	D3	CP70E1FG605K	C4	CP70B1EG605K	D3	CP70B1FG605K	C4
8.0	1000V	CP70E1EG805K	D5			CP70B1EG805K	D5	CP70B1FG805K	D2
10.0	1000V	CP70E1EG106K	E5	CP70E1FG106K	D5	CP70B1EG106K	E5	CP70B1FG106K	D5
12.0	1000V	CP70E1EG126K	E6			CP70B1EG126K	E6	CP70B1FG126K	E4
15.0	1000V	CP70E1EG156K	G2	CP70E1FG156K	F1	CP70B1EG156K	G2	CP70B1FG156K	F1
.5	1500V	CP70E1EH504K	A3			CP70B1EH504K	A3		
1.0	1500V	CP70E1EH105K	A6	CP70E1FH105K	A5	CP70B1EH105K	A6		
2.0	1500V	CP70E1EH205K	B6	CP70E1FH205K	B5	CP70B1EH205K	B6	CP70B1FH205K	B5
4.0	1500V	CP70E1EH405K	D4	CP70E1FH405K	C4	CP70B1EH405K	D4	CP70B1FH405K	C4
6.0	1500V	CP70E1EH605K	E5	CP70E1FH605K	D5	CP70B1EH605K	E5	CP70B1FH605K	D5
8.0	1500V	CP70E1EH805K	F2	CP70E1FH805K	F1	CP70B1EH805K	F2	CP70B1FH805K	F1
10.0	1500V	CP70E1EH106K	G4	CP70E1FH106K	G2	CP70B1EH106K	G4	CP70B1FH106K	G2
12.0	1500V	CP70E1EH126K	J3	CP70E1FH126K	G2	CP70B1EH126K	J3	CP70B1FH126K	G2
15.0	1500V	CP70E1EH156K	J6	CP70E1FH156K	J3	CP70B1EH156K	J6	CP70B1FH156K	J3
.1	2000V	CP70E1EJ104K	B1						
.25	2000V	CP70E1EJ254K	B1						
.5	2000V	CP70E1EJ504K	B2						
1.0	2000V	CP70E1EJ105K	B6	CP70E1FJ105K	B3				
2.0	2000V	CP70E1EJ205K	C4	CP70E1FJ205K	C3				
4.0	2000V	CP70E1EJ405K	E6	CP70E1FJ405K	E3				
6.0	2000V			CP70E1FJ605K	G1				
10.0	2000V			CP70E1FJ106K	J3				
12.0	2000V			CP70E1FJ126K	J5				
15.0	2000V			CP70E1FJ156K	J7				
.5	2500V	CP70E1EK504K	B4	CP70E1FK504K	B3				
1.0	2500V	CP70E1EK105K	D2	CP70E1FK105K	D1				
2.0	2500V	CP70E1EK205K	E5	CP70E1FK205K	D5				
4.0	2500V	CP70E1EK405K	J2						
10.0	2500V	CP70E1EK106K	J10						
.1	3000V	CP70E1EL104K	B2						
.25	3000V	CP70E1EL254K	B3						
.5	3000V	CP70E1EL504K	B6						
1.0	3000V	CP70E1EL105K	E4						
2.0	3000V	CP70E1EL205K	G2	CP70E1FL205K	G1				
4.0	3000V	CP70E1EL405K	J7	CP70E1FL405K	J3				
.1	4000V	CP70E1EM104K	E1						
.25	4000V			CP70E1FM254K	E1				
.5	4000V			CP70E1FM504K	E3				
1.0	4000V			CP70E1FM105K	E6				
2.0	4000V			CP70E1FM205K	J4				
4.0	4000V			CP70E1FM405K	J10				
.1	5000V	CP70E1EM405K	J11						
.25	5000V	CP70E1EN104K	E1						
.5	5000V	CP70E1EN254K	E3						
1.0	5000V	CP70E1EN504K	E6	CP70E1FN504K	E4				
2.0	5000V			CP70E1FN125K	J2				
.1	6000V	CP70D1EP104K	E3	CP70E1FN205K	J6				
.25	6000V	CP70D1EP254K	E5	CP70D1FP104K	E2				
.5	6000V	CP70D1EP504K	J3	CP70D1FP254K	E4				
1.0	6000V			CP70D1FP105K	J9				
.1	7500V			CP70D1FR104K	E3				
.25	7500V			CP70D1FR254K	J1				
.5	7500V			CP70D1FR504K	J4				

A1	1 1/4 x 1 1/2 x 1 5/8	E2	3 3/4 x 2 1/4 x 3 3/8
A2	1 1/4 x 1 1/2 x 2 1/4	E3	3 3/4 x 2 1/4 x 4 1/2
A3	1 1/4 x 1 1/2 x 2 7/8	E4	3 3/4 x 2 1/4 x 4 1/2
A4	1 1/4 x 1 1/2 x 3 1/4	E5	3 3/4 x 2 1/4 x 4 3/4
A5	1 1/4 x 1 1/2 x 3 7/8	F6	3 3/4 x 2 1/4 x 5 1/8
A6	1 1/4 x 1 1/2 x 4 3/4	F1	3 3/4 x 2 1/2 x 4 3/4
B1	2 1/2 x 1 3/4 x 2 1/2	F2	3 3/4 x 2 1/2 x 5 3/4
B2	2 1/2 x 1 3/4 x 2 7/8	G1	3 3/4 x 3 3/4 x 4 1/2
B3	2 1/2 x 1 3/4 x 3 1/2	G2	3 3/4 x 3 3/4 x 4 3/4
B4	2 1/2 x 1 3/4 x 3 7/8	G4	3 3/4 x 3 3/4 x 5 1/2
B5	2 1/2 x 1 3/4 x 4 1/4	J1	4 1/4 x 3 3/4 x 3 7/8
B6	2 1/2 x 1 3/4 x 4 3/4	J2	4 1/4 x 3 3/4 x 4 3/4
C2	3 3/4 x 1 1/4 x 3 7/8	J3	4 1/4 x 3 3/4 x 4 3/4
C3	3 3/4 x 1 1/4 x 4 1/4	J4	4 1/4 x 3 3/4 x 5 1/8
C4	3 3/4 x 1 1/4 x 4 3/4	J5	4 1/4 x 3 3/4 x 5 1/2
D1	3 3/4 x 1 3/4 x 3 1/4	J6	4 1/4 x 3 3/4 x 6
D2	3 3/4 x 1 3/4 x 3 7/8	J7	4 1/4 x 3 3/4 x 6 1/2
D3	3 3/4 x 1 3/4 x 4	J9	4 1/4 x 3 3/4 x 7 1/2
D4	3 3/4 x 1 3/4 x 4 1/4	J10	4 1/4 x 3 3/4 x 8 1/2
D5	3 3/4 x 1 3/4 x 4 3/4	J11	4 1/4 x 3 3/4 x 9 3/8
E1	3 3/4 x 2 1/4 x 2 3/4		

If MIL brackets are required with units, specify CP07S (spade) or CP07F (footed) and add the bracket designation listed beside the unit.

Example: CP70E1EF504K with CP07SA2 brackets.



TYPE CP41 — Characteristics E and F

Cylindrical, hermetically sealed can with screwbase molded cover for vertical mounting. Operating temperature range -55 $+85^{\circ}\text{C}$. Solder lug. nonremovable terminals ML designation B). Supplied with mounting nut and lockwasher. Standard tolerance $\pm 10\%$ (K). Also available in $\pm 20\%$ (M).

CAPACITY	VOLTAGE	CHAR. E JP10M	CHAR. F JP10M
2.0	600V	CP41B1EF205K	CP41B1FF205K
4.0	600V	CP41B1EF405K	CP41B1FF405K
1.0	1000V	CP41B1EG105K	CP41B1FG105K
2.0	1000V	CP41B1EG205K	CP41B1FG205K
.5	1500V		CP41B1FH504K
1.0	1500V		CP41B1FH105K

AEROVOX

CAPACITORS RESISTORS



INDUSTRIAL SECTION — MIL TYPES MIL-C-25A CAPACITORS



CP63, CP65 — Characteristic E

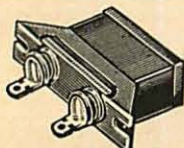
Compact, oil impregnated and filled, rectangular units. Immersion proof and hermetically sealed. Dual section has case grounded. Channel brackets attached. Standard tolerance on single section units, $\pm 10\%$ (K), on multiple section units $+20 -10\%$ (V).

Cap.	Voltage	JP16MCT Top Term.	JP16MCB Bottom Term.
.1	400V	CP63B1EE104K	CP65B1EE104K
.25	400V	CP63B1EE254K	
1.0	400V	CP63B1EE105K	
.05	600V	CP63B1EF503K	CP65B1EF503K
.1	600V	CP63B1EF104K	CP65B1EF104K
.25	600V	CP63B1EF254K	CP65B1EF254K
.5	600V	CP63B1EF504K	CP65B1EF504K
1.0	600V	CP63B1EF105K	CP65B1EF105K
2X.05	600V	CP63B6EF503V	CP65B6EF503V
2X.1	600V	CP63B6EF104V	CP65B6EF104V
2X.25	600V	CP63B6EF254V	CP65B6EF254V
2X.5	600V	CP63B6EF504V	CP65B6EF504V
.01	1000V	CP63B1EG103K	CP65B1EG103K
.02	1000V	CP63B1EG203K	CP65B1EG203K
.05	1000V	CP63B1EG503K	CP65B1EG503K
.1	1000V	CP63B1EG104K	
.25	1000V	CP63B1EG254K	
.5	1000V	CP63B1EG504K	

CP90, CP91 — Characteristic E

New MIL-C-25A type designations for variations of capacitor formerly listed as CP61. Base size CP90— $1\frac{3}{4} \times 1\frac{1}{4}$, CP91— $1\frac{3}{4} \times 5\frac{1}{4}$. Brackets must be ordered separately and are not interchangeable. Specify CP90 or CP91, Add S for Spade; F for Footed.

Cap.	Voltage	JP16M No Brackets	JP116M Special No Brackets
.1	400V	CP90B1EE104K	CP91B1EE104K
.25	400V	CP90B1EE254K	CP91B1EE254K
1.0	400V	CP90B1EE105K	CP91B1EE105K
.05	600V	CP90B1EF503K	CP91B1EF503K
.1	600V	CP90B1EF104K	CP91B1EF104K
.25	600V	CP90B1EF254K	CP91B1EF254K
.5	600V	CP90B1EF504K	CP91B1EF504K
1.0	600V	CP90B1EF105K	CP91B1EF105K
2X.05	600V	CP90B6EF503V	CP91B6EF503V
2X.1	600V	CP90B6EF104V	CP91B6EF104V
2X.25	600V	CP90B6EF254V	CP91B6EF254V
2X.5	600V	CP90B6EF504V	CP91B6EF504V
.01	1000V	CP90B1EG103K	CP91B1EG103K
.02	1000V	CP90B1EG203K	CP91B1EG203K
.05	1000V	CP90B1EG503K	CP91B1EG503K
.1	1000V	CP90B1EG104K	CP91B1EG104K
.25	1000V	CP90B1EG254K	CP91B1EG254K
.5	1000V	CP90B1EG504K	CP91B1EG504K

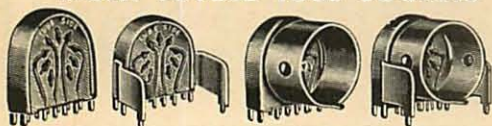


TYPES CP67, CP69 — Characteristics E

Oil impregnated and filled unit, rectangular cased. Similar to CP90 except additional length in base size of $1\frac{3}{4} \times \frac{1}{4}$ permits 2 or 3 sections, case floating. Single units can also be used for special applications where type CP90 does not fit. Both CP67 and CP69 supplied with channel brackets attached. Standard tolerance on single section units $\pm 10\%$ (K), on multiple section units $+20 -10\%$ (V).

Capacity	Voltage	JP18MCT Top Terminal	JP18MCB Bottom Terminal	Capacity	Voltage	JP18MCT Top Terminal	JP18MCB Bottom Terminal
.05	600V	CP67B1EF503K	CP69B1EF503K	.05	1000V	CP67B1EG503K	CP69B1EG503K
.1	600V	CP67B1EF104K	CP69B1EF104K	.1	1000V		CP69B1EG104K
.25	600V	CP67B1EF254K	CP69B1EF254K	.25	1000V		CP69B1EG254K
.5	600V	CP67B1EF504K	CP69B1EF504K	.5	1000V		CP69B1EG504K
1.0	600V	CP67B1EF105K	CP69B1EF105K	2X.01	1000V		CP69B4EG103V
2X.05	600V	CP67B4EF503V	CP69B4EF503V	2X.02	1000V		CP69B4EG203V
2X.1	600V	CP67B4EF104V	CP69B4EF104V	2X.05	1000V		CP69B4EG503V
2X.25	600V	CP67B4EF254V	CP69B4EF254V	2X.1	1000V		CP69B4EG104V
2X.5	600V	CP67B4EF504V	CP69B4EF504V	2X.25	1000V		CP69B4EG254V
3X.05	600V	CP67B5EF503V	CP69B5EF503V	3X.01	1000V		CP69B5EG103V
3X.1	600V	CP67B5EF104V	CP69B5EF104V	3X.02	1000V		CP69B5EG203V
3X.25	600V	CP67B5EF254V	CP69B5EF254V	3X.05	1000V		CP69B5EG503V
.01	1000V	CP67B1EG103K	CP69B1EG103K	3X.1	1000V		CP69B5EG104V
.02	1000V	CP67B1EG203K	CP69B1EG203K				

** RIGHT ANGLE TUBE SOCKETS



Type A Type AX Type B Type BX
Ordering Example: RA7A — (Type A 7 Pin Socket)

Available in 7-pin and 9-pin types in four styles, these sockets are designed to meet existing MIL Specifications. Active contacts are silver plated and non-fatiguing contact pressure provides proper insertion and withdrawal pressure with a minimum of contact resistance. Ideal for hand or mechanical insertion into printed-wiring boards using simple in-line punched round holes. Templates are furnished with each socket. Long terminals permit use of sockets on wide range of board thickness.

- Type A — for general purpose applications.
 - Type AX — for special applications (military and commercial) where extra strength and rigidity are required.
 - Type B — same as Type A except tube shield shell added.
 - Type BX — same as Type AX except tube shield shell added.
- RA 7 — 7 pin right angle tube socket. RA 9 — 9 pin right angle tube socket

** MODULIZED STANDARD CIRCUITS



Modules are comprised of uniformly standard, stacked seatite wafers combining the required resistive, capacity and inductive components to form a completely reliable, ruggedly compact electronic circuit.

Based on a study conducted by the National Bureau of Standards, the modules listed below were chosen as representative of circuits appearing in both military and commercial equipment. In all cases, similar functional circuits have been in use for at least 10 years without major improvement. Accessories, such as the twelve position bread board*, the individual module mounting socket† and mounting socket and banana plugs are available to facilitate the inter-connecting of standard circuit modules to form complete electronic sub-assemblies.

Part No.	Description	Part No.	Description	Part No.	Description
A1001	Linear Amplifier, Low Level.	P1001	Video Limiter.	P1006	Dual High Level Cathode Follower.
A1002	Linear Amplifier, Intermediate.	P1002	Low-level Cathode Follower.	R1001	DC Regulator Plus or minus 300V.
A1003	Linear Amplifier, Phase inverter-driver.	P1003	Common Cathode Mixer or Dual Cathode Follower.	R1002	DC Regulator, Plus or Minus 150V.
C1002	Flip-flop, 1 megacycle.	P1004	Cascade Intermediate Video Amplifier.	T1001	Variable Time Delay Monostable Multivibrator.
G1001	PRF Multivibrator.	P1005	Triode Video Driver Amplifier.	T1002	Phantastron Delay.

*MBB-12

†MBB-1

AEROVOX

CAPACITORS RESISTORS

CERAMICS

Hi-Q CAPACITORS

Ceramic disc and tubular capacitors may be roughly divided into two main categories; namely, General Purpose (including By-pass and Coupling) and Temperature Compensating. The Aerovox line furnishes both tubular and disc-type ceramics in both categories as well as many special purpose types, including Stand-off, Feed-thru, High-voltage Cartwheels and Plate Assemblies.

All general purpose units are marked with Aerovox name or trademark, capacity and voltage, if other than standard.

All temperature compensating units are color-coded in accordance with RETMA Specifications REC107A.

Bypass Coupling Capacitors (BPD) are furnished in GMV (Guaranteed Minimum Value) capacity tolerance since in applications such as in screen grid bypassing, capacity is not a critical characteristic. Due to this fact, HI-K (Hi Dielectric constant) bodies are used, resulting in the smallest size body for a given capacity.

General purpose capacitors (DI-SI-CI), on the other hand, are recommended for circuits where capacity is more critical such as RC networks, etc. Since capacity tolerance in these cases is $\pm 20\%$ or less, HI-K bodies cannot be used. Therefore, sizes of this type of unit are larger than the bypass coupling type.

Temperature compensating units (NPO, N750 in discs and tubular) are for use in critical applications where capacity must not change appreciably with changes in temperature; for example, resonant

circuits or any other application where stability of capacity is necessary.

Since the temperature coefficient is determined by the ceramic mix, all temperature compensating units are manufactured to standard tolerance

Unless otherwise specified, the tolerance on the temperature coefficient is as follows:

Temp. Coef.	Tolerance PPM
NPO	$\pm 30\%$
N080	$\pm 30\%$
N330	$\pm 500\%$
N750	$\pm 100\%$

It should be noted that this is the tolerance of the temperature coefficient and not on the capacity value

All ceramic capacitors are made by firing the silver electrodes directly to the ceramic dielectric to assure low noise operation. Units are coated with a non-Hygroscopic Phenolic or sealed in Steatite tubes and then impregnated with micro-crystalline wax which helps protect the units from humidity.

The special items such as feed-thru, stand-off, high-voltage cartwheels and printed assemblies are manufactured to complete a full line of ceramic capacitors for replacement as well as industrial use.

Hi-Q DISK CAPACITORS



DISK CAPACITORS Bypass and Coupling

BPD-GMV CAPACITOR

Stock Items 1000 VDCW Singles

Type	Cap. Mfd.	Dia.	Type	Cap. Mfd.	Dia.
BPD	.00001	$\frac{3}{16}$	BPD	.0033	$\frac{3}{16}$
BPD	.000015	$\frac{3}{16}$	BPD	.004	$\frac{3}{16}$
BPD	.000022	$\frac{3}{16}$	BPD	.0047	$\frac{19}{32}$
BPD	.000025	$\frac{3}{16}$	BPD	.005	$\frac{19}{32}$
BPD	.000033	$\frac{3}{16}$	BPD	.0068	$\frac{19}{32}$
BPD	.000047	$\frac{3}{16}$	BPD	.01	$\frac{3}{4}$
BPD	.00005	$\frac{3}{16}$	BPD	.015	$\frac{3}{4}$
BPD	.000068	$\frac{3}{16}$	BPD	.02	$\frac{29}{32}$
BPD	.0001	$\frac{3}{16}$	BPD	.03	$\frac{29}{32}$
BPD	.00012	$\frac{3}{16}$	BPD	.05*	$\frac{29}{32}$
BPD	.00015	$\frac{3}{16}$			
BPD	.0002	$\frac{3}{16}$	DUALS and TRIPLES		
BPD	.00027	$\frac{3}{16}$	BPD2-2 x .001	$\frac{3}{16}$	
BPD	.00033	$\frac{3}{16}$	BPD2-2 x .0015	$\frac{19}{32}$	
BPD	.00047	$\frac{3}{16}$	BPD2-2 x .002	$\frac{19}{32}$	
BPD	.0005	$\frac{3}{16}$	BPD2-2 x .0022	$\frac{19}{32}$	
BPD	.00068	$\frac{3}{16}$	BPD2-2 x .003	$\frac{3}{4}$	
BPD	.0008	$\frac{3}{16}$	BPD2-2 x .004	$\frac{3}{4}$	
BPD	.001	$\frac{3}{16}$	BPD2-2 x .0047	$\frac{3}{4}$	
BPD	.0015	$\frac{3}{16}$	BPD2-2 x .01	$\frac{3}{4}$	
BPD	.002	$\frac{3}{8}$	BPD2-2 x .02	$\frac{29}{32}$	
BPD	.0022	$\frac{3}{8}$	BPD3-3 x .0015	$\frac{3}{4}$	
BPD	.0025	$\frac{3}{8}$	BPD3-3 x .002	$\frac{3}{4}$	

* .05MFD can be supplied in 500VDCW only.



DI-DISK CAPACITORS General Purpose

Stock Items 1000 VDCW

Type	Cap. Mmfd.	Dia.	Type	Cap. Mmfd.	Dia.
DI	3.3	$\frac{3}{16}$	DI	250	$\frac{3}{16}$
DI	5	$\frac{3}{16}$	DI	270	$\frac{3}{16}$
DI	6.8	$\frac{3}{16}$	DI	300	$\frac{3}{16}$
DI	8.2	$\frac{3}{16}$	DI	330	$\frac{3}{16}$
DI	10	$\frac{3}{16}$	DI	390	$\frac{3}{16}$
DI	12	$\frac{3}{16}$	DI	470	$\frac{3}{16}$
DI	15	$\frac{3}{16}$	DI	500	$\frac{3}{16}$
DI	18	$\frac{3}{16}$	DI	560	$\frac{3}{16}$
DI	20	$\frac{3}{16}$	DI	680	$\frac{3}{16}$
DI	22	$\frac{3}{16}$	DI	750	$\frac{3}{8}$
DI	25	$\frac{3}{16}$	DI	820	$\frac{3}{8}$
DI	27	$\frac{3}{16}$	DI	1000	$\frac{3}{8}$
DI	30	$\frac{3}{16}$	DI	1200	$\frac{3}{16}$
DI	33	$\frac{3}{16}$	DI	1500	$\frac{3}{16}$
DI	39	$\frac{3}{16}$	DI	1800	$\frac{19}{32}$
DI	47	$\frac{3}{16}$	DI	2000	$\frac{19}{32}$
DI	50	$\frac{3}{16}$	DI	2200	$\frac{19}{32}$
DI	56	$\frac{3}{16}$	DI	2500	$\frac{19}{32}$
DI	68	$\frac{3}{16}$	DI	2700	$\frac{19}{32}$
DI	82	$\frac{3}{16}$	DI	3000	$\frac{11}{16}$
DI	100	$\frac{3}{16}$	DI	3300	$\frac{11}{16}$
DI	120	$\frac{3}{16}$	DI	4000	$\frac{11}{16}$
DI	150	$\frac{3}{16}$	DI	4700	$\frac{3}{4}$
DI	180	$\frac{3}{16}$	DI	5000	$\frac{3}{4}$
DI	200	$\frac{3}{16}$	DI	5600	$\frac{3}{4}$
DI	220	$\frac{3}{16}$	DI	6800	$\frac{29}{32}$
			DI	7500	$\frac{29}{32}$
			DI	10000	$\frac{29}{32}$

Standard tolerance $\pm 10\%$.

AEROVOX

CAPACITORS RESISTORS

CERAMICS — (Continued)

Hi-VOLTAGE DISK CAPACITORS

General Purpose



Hi-Q high voltage disk capacitors are available in many capacities and voltage ratings. These types offer many possible uses in TV circuits where voltages above 500 are necessary. They are the ideal units for dependable day-after-day service. Hi-Q has available numerous combinations of capacity, working voltages and physical sizes. These units are manufactured to specific tolerances as listed.

1500 VDCW			1500 VDCW—(Cont'd)			3000 VDCW			6000 VDCW		
Type	Capacity Mmfd.	Dia.	Type	Capacity Mmfd.	Dia.	Type	Capacity Mmfd.	Dia.	Type	Capacity Mmfd.	Dia.
HVD-15	4.7	3/16	HVD-15	820	3/16	HVD-30	82	3/16	HVD-60	10	1 1/16
HVD-15	6.8	3/16	HVD-15	1000	3/16	HVD-30	100	3/16	HVD-60	15	1 1/16
HVD-15	10	3/16	HVD-15	1200	3/16	HVD-30	120	3/16	HVD-60	18	1 1/16
HVD-15	15	3/16	HVD-15	1500	1 1/16	HVD-30	150	3/16	HVD-60	22	1 1/16
HVD-15	22	3/16	HVD-15	2200	1 1/16	HVD-30	180	3/16	HVD-60	30	1 1/16
HVD-15	33	3/16	HVD-15	3300	1 1/16	HVD-30	220	3/16	HVD-60	33	1 1/16
HVD-15	39	3/16	HVD-15	4700	1 1/16	HVD-30	330	3/16	HVD-60	39	1 1/16
HVD-15	47	3/16	HVD-15	5600	1 1/16	HVD-30	390	3/16	HVD-60	47	1 1/16
HVD-15	56	3/16				HVD-30	470	3/16	HVD-60	56	1 1/16
HVD-15	68	3/16				HVD-30	560	3/16	HVD-60	68	1 1/16
HVD-15	82	3/16				HVD-30	680	3/16	HVD-60	82	1 1/16
HVD-15	100	3/16				HVD-30	820	3/16	HVD-60	100	1 1/16
HVD-15	120	3/16				HVD-30	1000	3/16	HVD-60	120	1 1/16
HVD-15	150	3/16				HVD-30	1200	3/16	HVD-60	150	1 1/16
HVD-15	180	3/16				HVD-30	1500	3/16	HVD-60	180	1 1/16
HVD-15	220	3/16				HVD-30	2200	3/16	HVD-60	220	1 1/16
HVD-15	270	3/16				HVD-30	3300	1 1/16	HVD-60	330	1 1/16
HVD-15	330	3/16							HVD-60	390	1 1/16
HVD-15	390	3/16							HVD-60	470	1 1/16
HVD-15	470	3/16									
HVD-15	560	3/16									
HVD-15	680	3/16									

3000 VDCW		
Type	Capacity Mmfd.	Dia.
HVD-30	4.7	3/16
HVD-30	6.8	3/16
HVD-30	10	3/16
HVD-30	15	3/16
HVD-30	22	3/16
HVD-30	33	3/16
HVD-30	39	3/16
HVD-30	47	3/16
HVD-30	56	3/16
HVD-30	68	3/16

6000 VDCW		
Type	Capacity Mmfd.	Dia.
HVD-60	4.7	1 1/16
HVD-60	6.8	1 1/16

Tolerance ±20% up to .001 mfd.
+80% —20% over .001 mfd.

VIBRATOR BUFFER CAPACITORS — DAC

1600 VDCW — GMV



Vibrator Buffer Capacitors — ceramic disks for use as buffers in car radios and similar equipment, compact, easily assembled, 1/4 the size of previous paper tubular types rated for 1600 VDCW GMV. For use as replacements only when original equipment uses ceramic buffer.

Type	Capacity Mmfd.	Diameter	I
DAC-2	.001	1 1/16	
DAC-3	.002	1 1/16	
DAC-4	.0022	1 1/16	
DAC-5	.003	1 1/16	
DAC-6	.0033	1 1/16	
DAC-7	.004	1 1/16	
DAC-8	.0047	1 1/16	

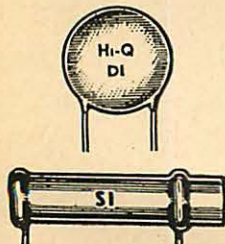
Type	Capacity Mmfd.	Diameter
DAC-9	.005	1 1/16
DAC-22	.006	1 1/16
DAC-23	.0068	1
DAC-24	.007	1
DAC-25	.0075	1
DAC-26	.008	1
DAC-27	.01	1

Hi-Q TEMPERATURE COMPENSATING DISK CAPACITORS — 500 VDCW

NPO Cap.			NPO Cap.			N-750 Capacity			N-750 Capacity		
Type	Mmfd.	Dia.	Type	Mmfd.	Dia.	Type	Mmfd.	Size	Type	Mmfd.	Size
NPO-D1	1.0	3/16	NPO-D1	22	3/16	N750-D1	10	3/16	N750-D1	100	1 1/2
NPO-D1	1.5	3/16	NPO-D1	25	3/16	N750-D1	15	3/16	N750-D1	150	1 1/2
NPO-D1	2.2	3/16	NPO-D1	33	1 1/2	N750-D1	20	3/16	N750-D1	200	1 1/2
NPO-D1	3.0	3/16	NPO-D1	39	1 1/2	N750-D1	22	3/16	N750-D1	220	1 1/2
NPO-D1	3.3	3/16	NPO-D1	47	1 1/2	N750-D1	25	3/16	N750-D1	330	2 1/2
NPO-D1	4.7	3/16	NPO-D1	50	1 1/2	N750-D1	33	3/16	N750-D1	360	2 1/2
NPO-D1	5.0	3/16	NPO-D1	68	1 1/2	N750-D1	47	3/8	N750-D1	390	2 1/2
NPO-D1	6.8	3/16	NPO-D1	75	1 1/2	N750-D1	68	3/16	N750-D1	430	2 1/2
NPO-D1	8.2	3/16	NPO-D1	100	3/4	N750-D1	75	3/16			
NPO-D1	10	3/16	NPO-D1	120	2 1/2						
NPO-D1	15	3/8	NPO-D1	150	2 1/2						
NPO-D1	20	3/8									

Standard Tolerance — up to 10 mmf. ±.5 mmf., above 10 mmf. ±10%

TUBULAR and DISK CAPACITOR SIZES



SI TUBULAR			CI TUBULAR			DI DISK	
Designation	Size		Designation	Size		Designation	Diameter
SI-1	.234 x .437		CI-1	.250 x .562		DI-0	1/4
SI-2	.234 x .687		CI-2	.250 x .812		DI-1	3/16
SI-3	.312 x 1.250		CI-3	.340 x 1.320		DI-2	3/8
SI-4	.375 x 1.093					DI-3	7/16
SI-5	.375 x 1.600					DI-4	1 1/2
SI-6	.375 x 1.968					DI-5	1 1/16
SI-7	.275 x .875					DI-6	3/4
SI-13	.234 x .468					DI-7	2 1/2
SI-19	.312 x .937						
SI-22	.280 x .750						
SI-27	.275 x .500						

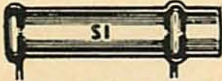
AEROVOX

CAPACITORS RESISTORS

CERAMICS—(Continued)

Hi-Q TUBULAR

CAPACITORS



The items listed on this page fall into two type categories. The type SI or "Dog Bone" Durez coated tubular, and the CI which is an insulated tubular made in a ceramic tube.

GENERAL PURPOSE 500 VDCW

Cap. Mmfd.	Size	Cap. Mmfd.	Size
5	SI-1	CI-1	
10	SI-1	CI-1	
12	SI-1	CI-1	
15	SI-1	CI-1	
18	SI-1	CI-1	
20	SI-1	CI-1	
22	SI-1	CI-1	
24	SI-1	CI-1	
25	SI-1	CI-1	
27	SI-1	CI-1	
30	SI-1	CI-1	
33	SI-1	CI-1	
39	SI-1	CI-1	
47	SI-1	CI-1	
50	SI-1	CI-1	
51	SI-1	CI-1	
56	SI-1	CI-1	
68	SI-1	CI-1	
75	SI-1	CI-1	
82	SI-1	CI-1	
91	SI-1	CI-1	
100	SI-1	CI-1	
110	SI-1	CI-1	
120	SI-1	CI-1	
150	SI-1	CI-1	
180	SI-1	CI-1	
200	SI-1	CI-1	
220	SI-1	CI-1	
240	SI-1	CI-1	
250	SI-1	CI-1	
270	SI-1	CI-1	
300	SI-1	CI-1	
330	SI-1	CI-1	
360	SI-1	CI-1	
390	SI-1	CI-1	
470	SI-1	CI-1	
500	SI-1	CI-1	
510	SI-1	CI-1	
560	SI-1	CI-1	
680	SI-1	CI-1	
750	SI-1	CI-1	
820	SI-1	CI-2	
910	SI-1	CI-2	
1000	SI-1	CI-2	
1200	SI-2	CI-2	
1500	SI-2	CI-2	
1800	SI-2	CI-2	
2000	SI-2	CI-2	
2200	SI-7	CI-3	
2400	SI-7	CI-3	
2500	SI-7	CI-3	
2700	SI-7	CI-3	
3000	SI-19	CI-3	
3300	SI-19	CI-3	
4000	SI-19	CI-3	
4700	SI-3	CI-3	
5000	SI-3	CI-3	
5100	SI-3	CI-3	
5600	SI-3	CI-3	
6000	SI-3	CI-3	
6800	SI-4		
7500	SI-4		
10,000	SI-5		
15,000	SI-6		
17,500	SI-6		
20,000	SI-5 GMV		
25,000	SI-5 GMV		
30,000	SI-6 GMV		
33,000	SI-6 GMV		

SI-TV Hi-VOLTAGE—6000 VDCW

Cap. Mmfd.	Size	Cap. Mmfd.	Size
4.7	SI-22	24	SI-3
8.2	SI-22	27	SI-3
12	SI-22	30	SI-3
15	SI-22	40	SI-3
18	SI-22	47	SI-3
20	SI-22	50	SI-3
22	SI-22	60	SI-3

Standard Tolerance $\pm 20\%$

NPO-SI — 500 VDCW

Type	Capacity Mmfd.	Size	Type	Capacity Mmfd.	Size
NPO-SI	.5	SI-1	NPO-SI	10	SI-1
NPO-SI	.68	SI-1	NPO-SI	12	SI-1
NPO-SI	1.0	SI-1	NPO-SI	15	SI-1
NPO-SI	1.5	SI-1	NPO-SI	18	SI-1
NPO-SI	2	SI-1	NPO-SI	20	SI-1
NPO-SI	2.2	SI-1	NPO-SI	22	SI-1
NPO-SI	3.0	SI-1	NPO-SI	24	SI-13
NPO-SI	3.3	SI-1	NPO-SI	25	SI-13
NPO-SI	4.7	SI-1	NPO-SI	27	SI-13
NPO-SI	5.0	SI-1	NPO-SI	30	SI-13
NPO-SI	6.8	SI-1	NPO-SI	33	SI-13
NPO-SI	8.2	SI-1	NPO-SI	36	SI-2
NPO-SI	39	SI-2	NPO-SI	100	SI-7
NPO-SI	43	SI-2	NPO-SI	110	SI-19
NPO-SI	47	SI-2	NPO-SI	120	SI-19
NPO-SI	50	SI-2	NPO-SI	130	SI-3
NPO-SI	51	SI-2	NPO-SI	150	SI-3
NPO-SI	56	SI-7	NPO-SI	160	SI-4
NPO-SI	62	SI-7	NPO-SI	175	SI-4
NPO-SI	68	SI-7	NPO-SI	180	SI-4
NPO-SI	75	SI-7	NPO-SI	220	SI-5
NPO-SI	82	SI-7	NPO-SI	240	SI-5
NPO-SI	91	SI-7	NPO-SI	270	SI-5

Standard Tolerance — up to 10 mmf. ± 5 mmf., above 10 mmf. $\pm 10\%$
When ordering the above units, designate type and MMFD fully. For

General purpose units can be furnished in either of the types listed above while the temperature compensating units (N750-NPO, N080, N330) are furnished only in the SI type.

All units are 500 VDCW with the exception of the SI-TV which are special units manufactured for 6000 VDCW for use in high voltage TV circuits.

Tolerances are as noted.

TEMPERATURE COMPENSATING N750-500 VDCW

Type	Capacity Mmfd.	Size	Type	Capacity Mmfd.	Size
N750-SI	3.3	SI-1	N750-SI	91	SI-2
N750-SI	5	SI-1	N750-SI	100	SI-2
N750-SI	10	SI-1	N750-SI	110	SI-2
N750-SI	12	SI-1	N750-SI	120	SI-7
N750-SI	15	SI-1	N750-SI	130	SI-2
N750-SI	18	SI-1	N750-SI	150	SI-7
N750-SI	20	SI-1	N750-SI	160	SI-7
N750-SI	22	SI-1	N750-SI	180	SI-7
N750-SI	24	SI-1	N750-SI	200	SI-7
N750-SI	25	SI-1	N750-SI	220	SI-7
N750-SI	27	SI-1	N750-SI	240	SI-7
N750-SI	30	SI-1	N750-SI	270	SI-7
N750-SI	33	SI-1	N750-SI	300	SI-19
N750-SI	36	SI-1	N750-SI	330	SI-3
N750-SI	39	SI-1	N750-SI	360	SI-3
N750-SI	43	SI-1	N750-SI	390	SI-3
N750-SI	47	SI-1	N750-SI	430	SI-4
N750-SI	50	SI-1	N750-SI	470	SI-4
N750-SI	51	SI-1	N750-SI	510	SI-4
N750-SI	56	SI-1	N750-SI	560	SI-5
N750-SI	62	SI-1	N750-SI	620	SI-5
N750-SI	68	SI-1	N750-SI	680	SI-5
N750-SI	75	SI-13	N750-SI	750	SI-5
N750-SI	82	SI-13			

Standard Tolerance — up to 10 mmf. ± 5 mmf., above 10 mmf. $\pm 10\%$

N080 — 500 VDCW

Type	Capacity Mmfd.	Size	Type	Capacity Mmfd.	Size
N080-SI	10	SI-1	N080-SI	47	SI-27
N080-SI	22	SI-1	N080-SI	62	SI-27
N080-SI	33	SI-13			

N330 ± 500 ppm

Deflection Yoke Capacitor for silvered mica capacitor replacement

Type	Capacity Mmfd.	Type	Size
N330-SI	47 $\pm 10\%$	1500 VDCW	SI-2
N330-SI	56 $\pm 10\%$	1500 VDCW	SI-2

example: NPO - SI-1.5 MMFD. The zero temperature coefficient capacitor is the most stable ceramic commercial capacitor available.

AEROVOX CAPACITORS RESISTORS

CERAMICS Hi-Q HIGH VOLTAGE "CARTWHEEL" CAPACITORS



Hi-Q high voltage "cartwheels" are thoroughly tested units capable of assuring dependable service while withstanding high voltages. This new universal type (UV) offers interchangeable terminals in 5 styles for use in filter and by-pass applications in TV high voltage power supplies.

TERMINAL HARDWARE



Stock Items

Type	Voltage	Cap. Mmfd.
UV-501	10,000 VDCW	500 mmf.
UV-502	20,000 VDCW	500 mmf.
UV-503	30,000 VDCW	500 mmf.

Stock Items — Terminal Hardware

Type	Type
UV-1A	UV-4A
UV-2A	UV-6A
UV-3A	

Hi-Q TUBULAR STAND-OFF CAPACITORS

Hi-Q stand-off capacitors are basically tubular, having as an integral part of their construction, a screw fixture for mounting to the chassis or common ground. Close coupling and their unique construction make them an excellent choice for by-passing high frequencies.

All units are coated with a high temperature enamel, stamped with capacity and supplied with mounting nut, if desired.

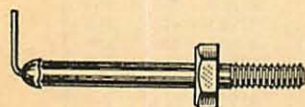
The MCS is a quick mounting type which permits high speed mechanical installation. The ceramic tube is enclosed in a cadmium-plated metal case with a specially developed end seal for protection against humidity and temperature changes.

All units are flash tested at 1250 volts D.C. The power factor is under 3% and the insulation resistance is above 7500 megohms.

TYPE MCS



TYPE CS



Stock Items — 500 VDCW

Type	Capacity Mmfd.
CS-1A	50
CS-1A	100
CS-1B	500
CS-1B	1000
CS-1B	1500
CS-2	3000
CS-3	4000

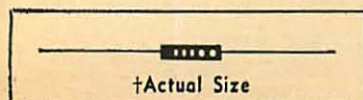
Type	Capacity Mmfd.
CS-4	7500
CIS-1	50
CIS-1	100
CIS-1	500
CIS-1	1000
CIS-2	1500
MCS	1500

Radial leads only
Tolerance $\pm 10\%$ up to and including 500 mmf.
 $\pm 20\%$ above 500 mmf.

* CERAFIL CAPACITORS

Cerofil Capacitors, the smallest ceramic capacitors available anywhere for airborne transistorized circuit applications, and other critical requirements where space and weight are at an absolute premium.

When tested using Cerafil ratings C80 type units will meet or surpass the requirements of MIL-C-11015A.



SPECIFICATIONS:

VOLTAGE—100 VDCW; 300 VDCT
CAPACITY TOLERANCE— $\pm 20\%$
INSULATION RESISTANCE—
100 mfd.—megohms minimum.
TEMPERATURE COEFFICIENT—
(-55°C to $+85^{\circ}\text{C}$)
No voltage $+10\%$ to -15%
100 volts applied—
 $+10\%$ to -35%
POWER FACTOR—2.5% maximum
OPERATING TEMPERATURE—
 -55°C to $+85^{\circ}\text{C}$
SIZE—overall length may exceed
dimension shown by as much as
 $\frac{1}{16}$ " due to deposit of insulation
material on leads.
All dimensions in inches
LEADS—Tinned Copper
Below .01 mfd.—#26 gauge
.01 mfd. and above #22 gauge
LEAD LENGTHS— $1\frac{1}{2}$ " minimum
MARKING—Color code. No code for
temperature coefficient;
no code for lead designation
since it is obvious.

PART NUMBER	CAP. (Mfd.)	DIMENSIONS (Insulated)		COLOR CODE
		Diam.	Lgth.	
C80V 100AM	.00001	.090	.320	Brown, black, black, black
C80V 220AM	.000022	.090	.320	Red, red, black, black
C80V 330AM	.000033	.090	.320	Orange, orange, black, black
C80V 470AM	.000047	.090	.320	Yellow, violet, black, black
C80V 101AM	.0001	.090	.320	Brown, black, brown, black
C80V 221AM	.00022	.090	.320	Red, red, brown, black
C80V 331AM	.00033	.090	.320	Orange, orange, brown, black
C80V 471AM	.00047	.090	.320	Yellow, violet, brown, black
C80V 102AM	.001	.090	.320	Brown, black, red, black
C80V 502AM	.005	.120	.500	Green, black, red, black
C80V 103AM	.01	.180	.500	Brown, black, orange, black
C80V 203AM	.02	.200	.500	Red, black, orange, black
C80V 503AM	.05	.240	.650	Green, black, orange, black
C80V 104AM	.1	.310	.750	Brown, black, yellow, black

*Trade Mark

AEROVOX CAPACITORS RESISTORS

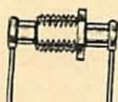
CERAMICS

Hi-Q TUBULAR FEED THRU CAPACITORS

Hi-Q Feed-Thru Capacitors provide means to transmit thru shields or ground potentials and simultaneously by-pass unwanted frequencies. A good mechanical connection is provided by the silver-plated bushing. These are excellent dependable units even under severe mechanical vibrations as in aircraft, missiles and automotive requirements. All units are 500VDC working, 1250VDC test.



FEED-THRU TYPE CFC

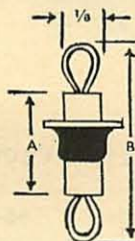


FEED-THRU TYPE CF

Type	Cap. Mmfd.	Thread	Type	Cap. Mmfd.	Thread
CFC-1	500 mmf.	12-28	CF-2	1800 mmf.	3/16-24
	1000 mmf.	12-28		2300 mmf.	3/16-24
	1500 mmf.	12-28		3000 mmf.	3/16-24
CF-1	1500 mmf.	1/4-28	CF-3	4000 mmf.	3/16-24
Tolerance ±20%			CF-4	7000 mmf.	3/16-24

Hi-Q EYELET FEED-THRU CAPACITORS

Hi-Q Eyelet Feed-Thru Ceramic Capacitors provide the ultimate in miniaturization. They can be soldered directly to the chassis and provide excellent by-pass performance where space is critical. Especially recommended for use in UHF.



EF-1



EF-3



EF-4



EF-5



EF-6

Style	Capacity in mmfd.						DCWV	SIZE	
	A	B						A	B
EF-1	50	100	200	500	1000	1500	500	.375	.750
EF-3	50	100	200	500	1000	1500	500	—	.375
EF-4	50	100	200	500	—	—	250	—	.250
EF-5	50	100	200	500	1000	—	250	—	.250
EF-6	50	100	200	500	1000	1500	500	.375	.875

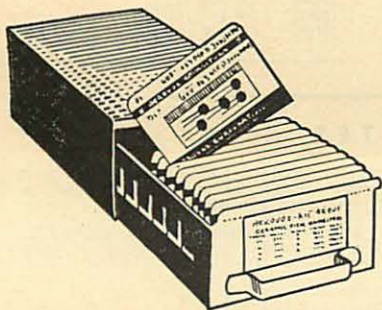
Tolerance ±20% up to and including 500 mmfd.
GMV above 500 mmfd.

AEROVOX KITS—AK-200 and AK-201HS

Most popular 1000 VDCW 10% tolerance general disk ceramics. Packaged in Aerovox VUE PACKS and housed in 3 x 5 metal file cabinet. Cabinets may be stacked when additional kits are purchased.

KIT AK-200 consist of 135 capacitors in our 24 most popular values.

KIT AK-201HS consists of 95 capacitors in the 16 values recommended in the Howard W. Sams' PF Reporter "Stock Guide for Popular Replacement Parts."



Kit AK-200						Kit AK-201HS			
Quan.	Cap. Mmf.	Quan.	Cap. Mmf.	Quan.	Cap. Mmf.	Quan.	Cap. Mmf.	Quan.	Cap. Mmf.
5	10	5	270	5	1500	10	100	5	560
5	47	5	330	5	2000	5	150	5	680
5	50	5	390	5	3000	5	180	10	1000
5	82	5	470	5	3300	5	220	5	1500
10	100	5	500	5	4000	5	270	5	2000
5	150	5	560	5	4700	5	330	5	3000
5	180	5	680	5	5000	5	390	5	4700
5	220	10	1000	10	10000	5	470	10	10000

AEROVOX CAPACITORS RESISTORS

M I C A S

MIL Types CM20, CM30, CM35 AEROVOX Types 1468, 1469, 1467, 1464

Compact precision made mica dielectric capacitors made in accordance with MIL specification C-5A. Molded in low-loss, bakelite, impregnated and color-coded. Tested to meet all MIL requirements. Types 1467 and

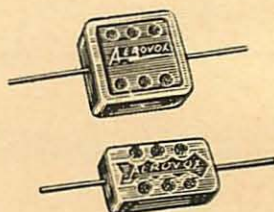
1468 are stacked mica and foil units molded in yellow bakelite to meet MIL characteristic B. Types 1464 and 1469 are silvered mica molded in red bakelite, available in characteristics C and D.

Type CM-20 (500 VDCW)

Type CM-30 (500 VDCW)

1468LS		1469	
Cap. Mmf.	Type Designation	Cap. Mmf.	Type Designation
1	CM-20B-010	5	CM-20C-050
5	CM-20B-050	10	CM-20C-100
10	CM-20B-100	12	CM-20C-120
12	CM-20B-120	15	CM-20C-150
15	CM-20B-150	18	CM-20C-180
18	CM-20B-180	20	CM-20C-200
20	CM-20B-200	22	CM-20C-220
22	CM-20B-220	24	CM-20C-240
24	CM-20B-240	25	CM-20C-250
25	CM-20B-250	27	CM-20C-270
27	CM-20B-270	30	CM-20C-300
30	CM-20B-300	33	CM-20C-330
33	CM-20B-330	36	CM-20C-360
36	CM-20B-360	39	CM-20C-390
39	CM-20B-390	40	CM-20C-400
40	CM-20B-400	43	CM-20C-430
43	CM-20B-430	47	CM-20C-470
47	CM-20B-470	50	CM-20C-500
50	CM-20B-500	51	CM-20C-510
51	CM-20B-510	56	CM-20C-560
56	CM-20B-560	62	CM-20C-620
62	CM-20B-620	68	CM-20C-680
68	CM-20B-680	70	CM-20C-700
75	CM-20B-750	75	CM-20C-750
82	CM-20B-820	82	CM-20C-820
91	CM-20B-910	91	CM-20C-910
100	CM-20B-101	100	CM-20C-101
110	CM-20B-111	110	CM-20C-111
120	CM-20B-121	120	CM-20C-121
130	CM-20B-131	130	CM-20C-131
150	CM-20B-151	150	CM-20C-151
160	CM-20B-161	160	CM-20C-161
180	CM-20B-181	180	CM-20C-181
200	CM-20B-201	200	CM-20D-201
220	CM-20B-221	220	CM-20D-221
240	CM-20B-241	240	CM-20D-241
250	CM-20B-251	250	CM-20D-251
270	CM-20B-271	270	CM-20D-271
300	CM-20B-301	300	CM-20D-301
330	CM-20B-331	330	CM-20D-331
350	CM-20B-351	350	CM-20D-351
360	CM-20B-361	360	CM-20D-361
390	CM-20B-391	390	CM-20D-391
400	CM-20B-401	400	CM-20D-401
430	CM-20B-431	430	CM-20D-431
470	CM-20B-471	470	CM-20D-471
500	CM-20B-501	500	CM-20D-501
510	CM-20B-511	510	CM-20D-511
560	CM-20B-561	560	CM-20D-561
600	CM-20B-601	620	CM-20D-621
620	CM-20B-621	680	CM-20D-681
680	CM-20B-681	750	CM-20D-751
750	CM-20B-751	820	CM-20D-821
800	CM-20B-801	910	CM-20D-911
820	CM-20B-821	1000	CM-20D-102
900	CM-20B-901		
910	CM-20B-911		
1000	CM-20B-102		

1467LS		1464	
Cap. Mmf.	Type Designation	Cap. Mmf.	Type Designation
470	CM-30B-471	470	CM-30D-471
500	CM-30B-501	510	CM-30D-511
510	CM-30B-511	560	CM-30D-561
560	CM-30B-561	620	CM-30D-621
620	CM-30B-621	680	CM-30D-681
680	CM-30B-681	750	CM-30D-751
750	CM-30B-751	800	CM-30D-801
820	CM-30B-821	820	CM-30D-821
910	CM-30B-911	900	CM-30D-901
1000	CM-30B-102	910	CM-30D-911
1100	CM-30B-112	1000	CM-30D-102
1200	CM-30B-122	1100	CM-30D-112
1300	CM-30B-132	1200	CM-30D-122
1500	CM-30B-152	1300	CM-30D-132
1600	CM-30B-162	1500	CM-30D-152
1800	CM-30B-182	1600	CM-30D-162
2000	CM-30B-202	1800	CM-30D-182
2200	CM-30B-222	2000	CM-30D-202
2400	CM-30B-242	2200	CM-30D-222
2500	CM-30B-252	2400	CM-30D-242
2700	CM-30B-272	2500	CM-30D-252
3000	CM-30B-302	2700	CM-30D-272
3300	CM-30B-332	3000	CM-30D-302
3600	CM-30B-362	3300	CM-30D-332
3900	CM-30B-392	3600	CM-30D-362
4000	CM-30B-402	3900	CM-30D-392
4300	CM-30B-432	4000	CM-30D-402
4700	CM-30B-472	4300	CM-30D-432
5000	CM-30B-502	4700	CM-30D-472
5100	CM-30B-512	5000	CM-30D-502
5600	CM-30B-562	5100	CM-30D-512
6000	CM-30B-602	5600	CM-30D-562
6200	CM-30B-622	6200	CM-30D-622
6800	CM-30B-682	6800	CM-30D-682
7000	CM-30B-702	7500	CM-30D-752
7500	CM-30B-752	8200	CM-30D-822
8000	CM-30B-802	9100	CM-30D-912
8200	CM-30B-822		
9000	CM-30B-902		
9100	CM-30B-912		
10000	CM-30B-103		



Type CM-35 (500 VDCW)

1467LS		1464	
Cap. Mmf.	Type Designation	Cap. Mmf.	Type Designation
3600	CM-35B-362	3600	CM-35D-362
3900	CM-35B-392	3900	CM-35D-392
4000	CM-35B-402	4000	CM-35D-402
4300	CM-35B-432	4300	CM-35D-432
4700	CM-35B-472	4700	CM-35D-472
5000	CM-35B-502	5000	CM-35D-502
5100	CM-35B-512	5100	CM-35D-512
5600	CM-35B-562	5600	CM-35D-562
6200	CM-35B-622	6000	CM-35D-602
6800*	CM-35B-682	6200	CM-35D-622
7000*	CM-35B-702	6800*	CM-35D-682
7500*	CM-35B-752	7000*	CM-35D-702
8000*	CM-35B-802	7500*	CM-35D-752
8200*	CM-35B-822	8000*	CM-35D-802
9100*	CM-35B-912	8200*	CM-35D-822
10000*	CM-35B-103	9100*	CM-35D-912
12000*	CM-35B-123	10000*	CM-35D-103
13000*	CM-35B-133		
14000*	CM-35B-143		
15000*	CM-35B-153		

NOTES

In mica and foil construction the standard tolerance is $\pm 20\%$. Also available in $\pm 10\%$ and $\pm 5\%$. Closest available tolerance up to and including 10 mmf. is ± 1 mmf.; above 10 mmf. $\pm 2\%$ or ± 2 mmf., whichever is greater.

In silver mica the standard tolerance is $\pm 5\%$. Also available in $\pm 2\%$ and $\pm 1\%$. Closest available tolerance up to 10 mmf. is $\pm 1/2$ mmf.; 10 mmf. and up $\pm 1\%$ or ± 1 mmf., whichever is greater.

Nominal Size All CM30 Units — $3\frac{3}{4} \times 5\frac{3}{4} \times \frac{9}{32}$
 Nominal Size All CM35 Units — $3\frac{3}{4} \times 5\frac{3}{4} \times \frac{3}{16}$
 Nominal Size All CM20 Units — $4\frac{1}{4} \times 2\frac{3}{4} \times \frac{3}{16}$

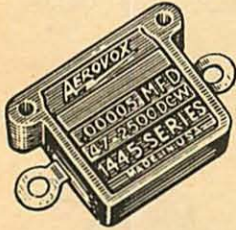
* Capacities are 300 WV. Type Designation 1467XLS and 1464X.

AEROVOX

CAPACITORS RESISTORS

M I C A S — (Continued)

TYPES 1445, 1446 and 1447



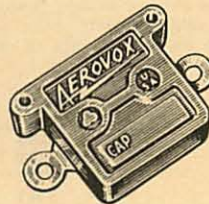
Designed with insulated mounting holes $1\frac{1}{8}$ " apart independent of soldering lugs. Used to shunt meter windings.

Size: $1\frac{1}{8}$ " x $1\frac{1}{8}$ " x $\frac{1}{32}$ "
Standard Tolerance $\pm 10\%$
 $\pm 5\%$ and $\pm 2\%$ tolerance are available on special order. Meter Mounting Bracket E available. Specify when ordering. These units are equivalent to case styles CM45 and CM50 of specification MIL-C5A.

TYPE 1445	TYPE 1446	TYPE 1447
600 VDCW 1000 VDCT	1200 VDCW 2500 VDCT	2500 VDCW 5000 VDCT
Cap. Mfd.	Cap. Mfd.	Cap. Mfd.
.00005	.00005	.00005
.0001	.0001	.000075
.00015	.00015	.0001
.0002	.0002	.00015
.00025	.00025	.0002
.0003	.0003	.00025
.00035	.00035	.0003
.0004	.0004	.00035
.0005	.0005	.0004
.001	.001	.0005
.0015	.0015	.001
.002	.002	.0015
.0025	.0025	.002*
.003	.003	.0025*
.004	.004*	.003*
.005	.005*	.004*
.006	.006*	.005*
.008	.008*	
.01	.01*	
.015*	.015*	
.02*		
.025*		
.03*		
.04*		

*Thickness $\frac{3}{16}$ "

TYPES 1455, 1456 and 1457

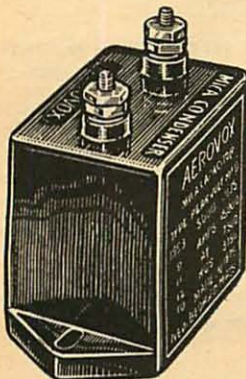


Same as Types 1445-47 except for sizes and capacitance ranges. Distance between mounting holes is $1\frac{1}{2}$ ".

Size: $1\frac{1}{4}$ " x $1\frac{3}{16}$ " x $\frac{1}{32}$ "
Standard Tolerance $\pm 10\%$
 $\pm 5\%$ and $\pm 2\%$ tolerance are available on special order. Meter Mounting Bracket E available. Specify when ordering.

TYPE 1455		TYPE 1456		TYPE 1457	
600 VDCW 1000 VDCT		1200 VDCW 2500 VDCT		2500 VDCW 5000 VDCT	
Cap. Mfd.	Cap. Mfd.	Cap. Mfd.	Cap. Mfd.	Cap. Mfd.	Cap. Mfd.
.00005	.0025	.00005	.0015	.00005	.0005
.0001	.003	.0001	.002	.000075	.001
.00015	.004	.00015	.0025	.0001	.0015
.0002	.005	.0002	.003	.00015	.002
.00025	.006	.00025	.004	.0002	.0025
.0003	.008	.0003	.005	.00025	.003
.00035	.01	.00035	.006	.0003	
.0004	.015	.0004	.008	.00035	
.0005	.02	.0005	.01	.0004	
.001	.025	.001			
.0015	.03				
.002					

TYPES 1991 thru 1996 Porcelain-Cased Capacitors



Ideal for high-frequency application. Glazed porcelain case, high temperature wax sealed. Heavy duty power terminals. Minimum power loss due to dielectric absorption. No heating at full load.

Size: 4" overall by 3" high; $2\frac{1}{2}$ " between mounting holes.

Standard Tolerance $\pm 10\%$

Cap. Mfd.	DC Voltage Rating	Type	Maximum Current Capacity—Amperes			
			15 mc	7.5 mc	3750 kc	1875 kc
.00005	12,500	1996	3	2.5	1.5	1
.0001	12,500	1996	5	4	3	2
.00025	12,500	1996	7	8	6	4
.0005	12,500	1996	8	9	8	7
	7,000	1994	7	8	6	4
.001	12,500	1996	9	10	11	12
	7,000	1994	8	9	10	8
	3,500	1992	8	9	8	5
.0015	12,500	1996	9	10	11	12
	7,000	1994	9	9	10	8
	5,000	1993	8	9	9	7
	3,500	1992	8	9	8	5
	2,000	1991	7	8	8	5
.002	12,500	1996	9	12	13	15
	10,000	1995	9	10	11	12
	7,000	1994	9	9	10	10
	5,000	1993	8	9	9	8
	3,500	1992	8	8	9	7
	2,000	1991	7	8	8	6
.003	12,500	1996	9	12	13	15
	10,000	1995	9	11	12	13
	7,000	1994	9	10	10	10
	5,000	1993	8	9	9	9
	3,500	1992	8	9	9	8
	2,000	1991	7	8	8	7
.005	10,000	1995	10	13	14	15
	7,000	1994	9	11	12	11
	5,000	1993	9	11	12	10
	3,500	1992	9	10	11	9
	2,000	1991	8	9	10	8
.01	7,000	1994	10	13	15	15
	5,000	1993	10	13	15	15
	3,500	1992	10	13	14	14
	2,000	1991	10	13	14	14
.02	3,500	1992	10	14	16	17
	2,000	1991	10	13	15	15
.05	3,500	1992	10	14	17	18
	2,000	1991	10	14	16	17
.1	2,000	1991	10	14	17	18

AEROVOX

CAPACITORS RESISTORS

M I C A S — (Continued)

TYPES 1650L, 1651L, 1652L, 1653L and 1654L

Heaviest-duty molded in bakelite mica capacitors of the AEROVOX line. Threaded mounting holes for roundhead screw terminals or plain holes available. Add suffix "A" for plain holes.



TYPE 1650L		TYPE 1652L	
600 VDCW — 1000 VDCT	350 VACW — 700 VACT	2500 VDCW — 5000 VDCT	1750 VACW — 3500 VACT
.00005		.00005	
.0001		.000075	
.00025		.0001	
.0003		.00015	
.00035		.0002	
.0004		.00025	
.0005		.0003	
.001		.00035	
.0015		.0004	
.002		.0005	
.0025		.001	
.003		.0015	
.004		.002	
.005		.0025	
.006		.003	
.008		.004	
.01		.005	
.015		.006	
.02		.008*	
.025		.01*	
.03			
.04*			
.05*			
.06*			
TYPE 1651L		TYPE 1653L	
1200 VDCW — 2500 VDCT	875 VACW — 1750 VACT	3750 VDCW — 7500 VDCT	2625 VACW — 5250 VACT
.00005		.00005	
.0001		.000075	
.00025		.0001	
.0003		.00015	
.00035		.0002	
.0004		.00025	
.0005		.0003	
.001		.00035	
.0015		.0004	
.002		.0005	
.0025		.0006	
.003		.0008	
.004		.001	
.005		.0015	
.006		.002	
.008		.0025	
.01		.003	
.015		.004	
.02		.005	
.025*		.006	
.03*		.008	
		.01*	
TYPE 1654L			
5000 VDCW — 10,000 VDCT	3500 VACW — 7000 VACT		
.00005			
.0001			
.00025			
.0003			
.00035			
.0004			
.0005			
.001			
.0015			
.002			
.0025			
.003			
.004			
.005			
.006			
.008			
.01			
.015			
.02			
.025*			
.03*			

These units are equivalent to case styles CM55, CM56, CM60, and CM61 of specification MIL-C-5A. Standard Tolerance $\pm 10\%$

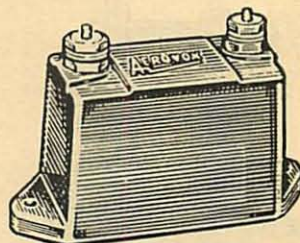
$\pm 5\%$ Tolerance available on special order.
 $\pm 2\%$ Tolerance available on special order.

Nominal Size: $1\frac{3}{4}'' \times 1\frac{1}{4}'' \times \frac{3}{8}''$
*Thickness $\frac{3}{4}''$

Ceramic mounting insulators (specify "M") available. 1650-54 series furnished with 6-32 tapped holes for screw mounting.

TYPES 1550L, 1570L and 1590L Potted Transmitting Capacitors

These potted transmitting capacitors in thermo-setting case materials have greater load-carrying capacity than molded-in-thermo-setting case material capacitors. Types 1550 to 1590, inclusive, not only have high voltage rating but afford higher current ratings than equivalent capacitances in thermo-setting case material units. Because of their construction they are made with higher capacitance stability. Furnished only in low-loss thermo-setting case material as standard. Bakelite cased mica stack capacitors. These units have highest quality mica sections stacked for greater load carrying capacity. The sections are potted in low-loss bakelite cases and permanently clamped with non-magnetic material.



TYPE 1570L (Similar to CM65)

Cat. No.	Capacity	Test Volts Eff.	Max. Operating Current in Amps.			
			3000 kc	1000 kc	300 kc	100 kc
1570LS-204	.00005	3500	1.3	.6	.15	.05
1570LS-210	.0001	3500	2.0	.9	.3	.1
1570LS-214	.00015	3500	2.2	1.0	.45	.15
1570LS-217	.0002	3500	2.6	1.2	.6	.25
1570LS-219	.00025	3500	2.9	1.6	.7	.25
1570LS-221	.0003	3500	3.2	1.9	.8	.3
1570LS-223	.0004	3500	3.6	2.0	.9	.4
1570LS-226	.0005	3500	3.75	2.0	1.0	.5
1570LS-228	.0006	3500	4.1	2.0	1.2	.6
1570LS-232	.0008	3500	4.6	2.5	1.5	.7
1570LS-234	.001	3500	4.9	3.0	1.6	.8
1570LS-236	.0015	3500	5.8	3.5	2.0	1.0
1570LS-237	.002	3500	6.3	4.0	2.5	1.3
1570LS-240	.003	2500	7.1	5.0	3.0	1.5
1570LS-242	.004	2500	7.6	6.0	3.5	1.6
1570LS-245	.005	2500	8.5	6.5	4.0	2.0
1570LS-248	.006	2500	9.0	7.5	4.5	2.2
1570LS-254	.008	1500	10.0	8.0	5.0	2.3
1570LS-257	.01	1500	10.0	10.0	6.0	2.5
1570LS-260	.02	1500	11.0	10.0	7.0	3.0
1570LS-268	.05	500	8.5	7.5	6.0	3.8
1570LS-273	.1	250	11.0	12.0	10.0	6.0

Type 1570L also manufactured in case style CM65 of Spec. MIL-C-5A. Prices on request.

TYPE 1550L (Similar to CM70)

Cat. No.	Capacity	Test Volts Eff.	Max. Operating Current in Amps.			
			3000 kc	1000 kc	300 kc	100 kc
1550LS-200	.00005	6000	1.5	.7	.2	.07
1550LS-201	.0001	6000	2.5	1.3	.35	.1
1550LS-202	.00015	6000	3.0	1.7	.5	.16
1550LS-203	.0002	6000	3.5	1.8	.7	.3
1550LS-204	.00025	6000	5.0	2.5	1.0	.3
1550LS-206	.0003	6000	5.0	2.5	1.0	.4
1550LS-208	.0004	6000	5.0	2.7	1.1	.5
1550LS-210	.0005	6000	5.0	3.0	1.6	.75
1550LS-212	.0006	6000	5.1	3.1	1.7	.8
1550LS-215	.00075	6000	5.5	3.5	2.1	1.0
1550LS-216	.0008	6000	6.0	4.0	2.1	1.0
1550LS-218	.001	6000	7.0	4.0	2.2	1.0
1550LS-220	.0015	6000	9.0	5.1	3.0	1.6
1550LS-221	.002	6000	9.0	6.0	4.0	1.9
1550LS-222	.002	3000	6.0	4.6	3.0	1.1
1550LS-223	.0025	5000	9.0	6.0	4.0	2.0
1550LS-225	.003	3000	6.5	6.0	4.1	1.6
1550LS-228	.004	3000	10.0	6.5	4.5	2.0
1550LS-230	.005	3000	10.0	6.8	5.0	2.5
1550LS-235	.0075	3000	11.0	8.0	6.5	2.9
1550LS-236	.008	3000	11.0	9.0	6.8	3.0
1550LS-238	.01	2000	11.0	10.0	8.0	4.0
1550LS-239	.015	2000	11.5	11.0	9.0	5.0
1550LS-240	.02	2000	12.5	11.0	10.5	7.0
1550LS-241	.03	2000	13.0	16.0	13.0	7.0
1550LS-242	.04	1500	13.0	16.0	13.0	7.5
1550LS-243	.05	1500	14.0	16.0	13.0	7.5
1550LS-244	.1	1000	16.0	18.0	14.0	9.0
1550LS-247	.25	250	16.0	18.0	14.0	12.0

Type 1550L also manufactured in case style CM70 of Spec. MIL-C-5A. Prices on request.

Standard Tolerance for all Transmitting Mica Capacitors is $\pm 5\%$.

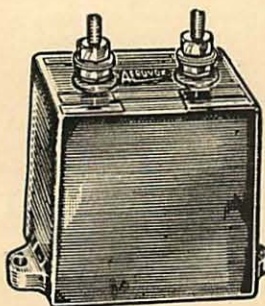
$\pm 2\%$ Tolerance Available on Special Order.

AEROVOX

CAPACITORS RESISTORS

M I C A S — (Continued)

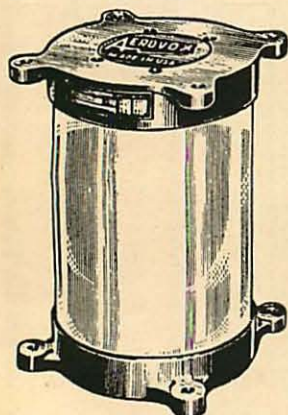
TYPE 1590L — POTTED TRANSMITTING CAPACITORS



Cat. No.	Capacity	Test Volts Eff.	Max. Operating Current in Amps.			
			3000 kc	1000 kc	300 kc	100 kc
1590L-200	.00025	8000	7.0	5.0	2.0	.6
1590L-201	.0005	8000	8.5	6.0	3.0	1.0
1590L-203	.001	8000	10.0	8.5	4.5	2.0
1590L-205	.002	8000	12.0	11.0	8.0	4.0
1590L-207	.003	8000	15.0	15.0	11.0	5.0
1590L-209	.004	8000	16.0	16.0	12.0	6.0
1590L-211	.005	8000	16.0	16.0	13.0	7.0
1590L-213	.006	8000	16.0	18.0	13.0	7.0
1590L-217	.01	8000	17.0	21.0	15.0	9.0
1590L-218	.01	6000	16.0	20.0	15.0	8.0
1590L-219	.02	5000	18.0	22.0	18.0	12.0
1590L-220	.03	4000	18.0	23.0	20.0	13.0
1590L-222	.05	4000	18.0	25.0	23.0	15.0
1590L-223	.05	2000	18.0	25.0	22.0	12.0
1590L-224	.1	2000	18.0	28.0	23.0	15.0
1590L-226	.2	600	18.0	28.0	23.0	15.0
1590L-227	.25	600	18.0	28.0	23.0	15.0
1590L-228	.3	600	18.0	28.0	23.0	15.0
1590L-230	.5	600	18.0	28.0	23.0	15.0
1590L-233	1.0	600	18.0	28.0	23.0	15.0

Standard Tolerance $\pm 5\%$

Also Available in $\pm 2\%$ on Special Order.



TYPES 1940, 1950, 1960, 1970 and 1980 Stack-Mounting Transmitting Capacitors

These stack-mounting transmitting mica capacitors are especially intended for various applications such as grid, plate blocking, coupling, tank, and by-passing functions for higher-powered installations. They are made with a special cylindrical low-loss, glazed ceramic case providing a long creepage path between terminals. They are designed to eliminate corona losses, inside and outside alike, and also provide uniform voltage gradient. The cast-aluminum terminal ends provide low contact resistance between units. These units are conservatively rated to withstand surge voltages above their rated values. They have extremely low power factor so that they can handle large KVA loads without overheating.

TYPE 1940

Catalog No.	Cap. Mfd.	Test Volts Eff.
1940-236	.000075	35000
1940-203	.0001	35000
1940-204	.00015	35000
1940-205	.0002	35000
1940-206	.00025	35000
1940-207	.0003	35000
1940-208	.00035	35000
1940-209	.0004	35000
1940-210	.0005	35000
1940-211	.0006	35000
1940-212	.0007	35000
1940-213	.0008	35000
1940-214	.001	35000
1940-215	.00125	35000
1940-216	.0015	35000
1940-217	.002	30000
1940-218	.0025	25000
1940-219	.003	25000
1940-220	.004	20000
1940-221	.005	20000
1940-222	.006	15000
1940-223	.007	15000
1940-224	.008	15000
1940-225	.01	15000
1940-237	.02	12000
1940-238	.03	10000
1940-239	.04	7500
1940-240	.05	6000
1940-241	.06	6000
1940-242	.07	6000
1940-243	.08	6000
1940-244	.1	5000

TYPE 1950 (Similar to CM75)

Catalog No.	Cap. Mfd.	Test Volts Eff.
1950-202	.00005	6000
1950-204	.0001	6000
1950-207	.0002	6000
1950-209	.0003	6000
1950-212	.0005	6000
1950-216	.001	6000
1950-218	.002	6000
1950-220	.003	6000
1950-222	.005	6000
1950-226	.01	5000
1950-228	.02	3000
1950-231	.05	1500

TYPE 1970 (Similar to CM85)

Catalog No.	Cap. Mfd.	Test Volts Eff.
1970-202	.00005	20,000
1970-203	.0001	20,000
1970-204	.00015	20,000
1970-205	.0002	20,000
1970-210	.0005	20,000
1970-213	.0008	20,000
1970-214	.001	20,000
1970-216	.0015	20,000
1970-217	.002	15,000
1970-220	.004	12,000
1970-221	.005	10,000
1970-225	.01	10,000
1970-227	.02	6,000

TYPE 1960 (Similar to CM80)

Catalog No.	Cap. Mfd.	Test Volts Eff.
1960-202	.00005	15,000
1960-203	.0001	15,000
1960-204	.00015	12,500
1960-205	.0002	12,500
1960-209	.0005	12,500
1960-212	.0008	10,000
1960-213	.001	10,000
1960-214	.0015	10,000
1960-215	.002	10,000
1960-218	.004	8,000
1960-219	.005	8,000
1960-223	.01	7,000
1960-224	.015	5,000
1960-225	.02	4,000

TYPE 1980 (Similar to CM90)

Catalog No.	Cap. Mfd.	Test Volts Eff.
1980-202	.00005	35,000
1980-203	.0001	35,000
1980-204	.00015	35,000
1980-207	.0003	35,000
1980-209	.0004	35,000
1980-210	.0005	35,000
1980-213	.0008	30,000
1980-214	.001	25,000
1980-217	.002	20,000
1980-220	.004	20,000
1980-221	.005	20,000
1980-224	.008	15,000
1980-225	.01	15,000
1980-230	.05	5,000

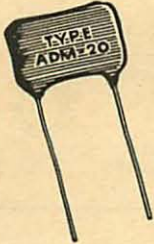
All units also manufactured in equivalent MIL-C-5A case styles. Prices on request. Standard tolerance for all units is plus and minus 5%. Also Available in $\pm 2\%$ on Special Order.

AEROVOX

CAPACITORS RESISTORS

M I C A S — (Continued)

DIPPED, SILVERED MICA CAPACITORS TYPES ADM-15, ADM-19, ADM-20 and ADM-30



AeroVox plastic-coated dipped-mica units exceed many of the advantages of molded mica units, and at the same time are smaller than conventional units. Meeting all the applicable MIL-C-5A Test Standards for molded mica capacitors, these unique dipped-mica units offer the following outstanding features:

- High operating temperatures —55°C to +125°C • Excellent long-life characteristics • Improved temperature coefficient range • Radial leads for automatic insertion and plug-in assemblies • Ideal for printed-wiring assemblies • Unsurpassed performance and stability characteristics • Smaller physical size.

Humidity Resistance: these capacitors shall have an insulation resistance of not less than 2,000 megohms after being subjected to the Humidity Resistance Test as outlined in MIL-C-5A. Minimum Insulation Resistance: 25,000 megohms at 25°C; 1000 megohms at 125°C.

Capacitors will be marked with capacity and tolerance. In addition voltage rating will be marked on all units other than 500 volts rating.

CHARACTERISTICS

Standard Tolerance ±5%

ADM-15—from 5 to 20 mmf. Characteristic "C", from 22 to 150 mmf. Characteristic "E", from 160 mmf. and up Characteristic "F".
ADM-19—All capacities listed "F" Characteristic.
ADM-20—All capacities listed "F" Characteristic.
ADM-30—All capacities listed "F" Characteristic.

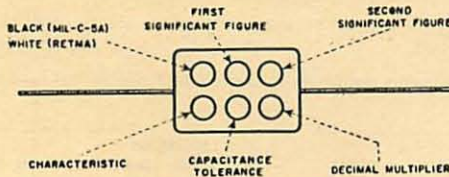
Minimum tolerance for capacitances up to and including 10 mmf. is $\pm \frac{1}{2}$ mmf., for all other capacitances $\pm 1\%$ or 1 mmf. whichever is greater.

Sizes	L	W	T
ADM-15	1 $\frac{1}{32}$	5 $\frac{1}{16}$	3 $\frac{1}{32}$ max.
ADM-19	2 $\frac{1}{32}$	1 $\frac{1}{32}$	7 $\frac{1}{32}$ max.
ADM-20	3 $\frac{1}{4}$	1 $\frac{1}{32}$	7 $\frac{1}{32}$ max.
ADM-30	2 $\frac{1}{2}$	2 $\frac{1}{32}$	3 $\frac{1}{4}$ max.

Cap. Mmf.	Type Designation	Cap. Mmf.	Type Designation	Type Designation	Cap. Mmf.	Type Designation	Type Designation	Cap. Mmf.	Type Designation	Type Designation
5	ADM-15-050	100	ADM-15-101	ADM-19-101	680	ADM-19-681	ADM-20-681	3300	ADM-20-332	
10	ADM-15-100	110	ADM-15-111	ADM-19-111	750	ADM-19-751	ADM-20-751	3600	ADM-20-362	
12	ADM-15-120	120	ADM-15-121	ADM-19-121	820	ADM-19-821	ADM-20-821	3900	ADM-20-392	
15	ADM-15-150	130	ADM-15-131	ADM-19-131	910	ADM-19-911	ADM-20-911	4300	*ADM-20-432	ADM-30-432
18	ADM-15-180	150	ADM-15-151	ADM-19-151	1000	ADM-19-102	ADM-20-102	4700	*ADM-20-472	ADM-30-472
20	ADM-15-200	160	ADM-15-161	ADM-19-161	1100	ADM-19-112	ADM-20-112	5000	*ADM-20-502	ADM-30-502
22	ADM-15-220	180	ADM-15-181	ADM-19-181	1200	ADM-19-122	ADM-20-122	5100	*ADM-20-512	ADM-30-512
24	ADM-15-240	200	ADM-15-201	ADM-19-201	1300	ADM-19-132	ADM-20-132	5600		ADM-30-562
27	ADM-15-270	220	ADM-15-221	ADM-19-221	1500	ADM-19-152	ADM-20-152	6200		ADM-30-622
30	ADM-15-300	240	ADM-15-241	ADM-19-241	1600	ADM-19-162	ADM-20-162	6800		ADM-30-682
33	ADM-15-330	250	ADM-15-251	ADM-19-251	1800	ADM-19-182	ADM-20-182	7500		ADM-752
36	ADM-15-360	270	ADM-15-271	ADM-19-271	2000	ADM-19-202	ADM-20-202	8200		ADM-30-822
39	ADM-15-390	300	ADM-15-301	ADM-19-301	2200	ADM-19-222	ADM-20-222	10000		ADM-30-103
43	ADM-15-430	330	ADM-15-331	ADM-19-331	2400	*ADM-19-242	ADM-20-242	12000		*ADM-30-123
47	ADM-15-470	360	ADM-15-361	ADM-19-361	2500	*ADM-19-252	ADM-20-252	13000		*ADM-30-133
50	ADM-15-500	390	ADM-15-391	ADM-19-391	2700	*ADM-19-272	ADM-20-272	15000		*ADM-30-153
51	ADM-15-510	430	*ADM-15-431	ADM-19-431						
56	ADM-15-560	470	*ADM-15-471	ADM-19-471						
62	ADM-15-620	500	*ADM-15-501	ADM-19-501						
68	ADM-15-680	510	*ADM-15-511	ADM-19-511						
75	ADM-15-750	560		ADM-19-561						
82	ADM-15-820	620		ADM-19-621						
91	ADM-15-910									

* All items asterisked are rated at 300 VDCW.

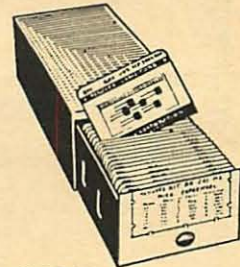
COLOR CODE INFORMATION



Color	Capacitance		Tolerance %	Characteristic
	Significant Figure	Decimal Multiplier		
BLACK	0	1	20 (M)	A
BROWN	1	10		B
RED	2	100	2 (G)	C
ORANGE	3	1000	3 (RETMA only)	D
YELLOW	4	-		E
GREEN	5	-	5 (RETMA only)	F
BLUE	6	-		
VIOLET	7	-		
GRAY	8	-		
WHITE	9	-		
GOLD	-	0.1	5 (MIL-C-5 only) (J)	
SILVER	-	.01	10 (K)	
NONE				

MIL-C-5 LETTER DESIGNATION FOR CHARACTERISTIC		
Characteristic	Temperature Coefficient Parts/Million/Degree C. see par. F-2h(1)	Capacitance Drift see par. F-2h(2) (maximum)
A	Not specified	Not specified
B	Not specified	Not specified
C	-200 to +200	±0.5 per cent
D	-100 to +100	±0.3 per cent
E	-20 to +100	±(0.1 per cent +0.1 mmf.)
F	0 to +70	±(0.05 per cent +0.1 mmf.)

AEROVOX KIT AK300HS



List Price

Selection of close tolerance, silvered mica capacitors in the modern radial lead type packaged in AeroVox VUE PACKS and housed in the same 3x5 metal file drawer used for disc ceramic kits. Kit consist of 10 values, 5 pieces each, and all units are rated at 500 vdcw, ±5% tolerance. Selected by Howard W. Sams' PF Reporter magazine in their "Stock Guide for Popular Replacement Parts."

KIT AK300HS

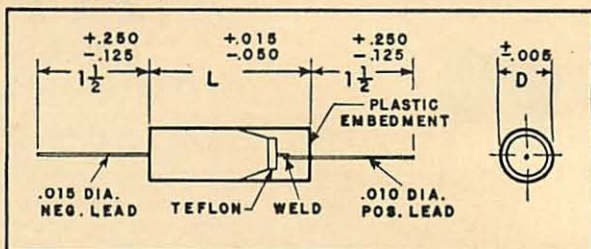
Quan.	Cap. Mmf.	Quan.	Cap. Mmf.
5	ADM-15 100	5	ADM-19 330
5	" 150	5	" 390
5	" 180	5	" 470
5	" 220	5	" 560
5	ADM-19 270	5	" 680

AEROVOX CAPACITORS RESISTORS

TYPE WT WIRE TANTALUM

Type WT capacitors are lead mounted, wire tantalum units manufactured in polarized type only. These units are designed for use where the AC voltage is small with respect to the DC polarizing voltage.

The capacitor consists of a high-purity tantalum anode and a fine silver cathode with specially-selected electrolyte, seal and spacer materials. The case and attached lead form the cathode terminal and are uninsulated. The anode tantalum wire extends through a bushing and is attached to a solderable lead with a welded connection. A thermosetting resin embedment encases the welded joint to provide maximum protection.



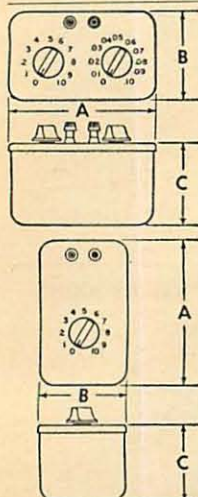
SIZE CHART			
UNINSULATED TYPE WT		INSULATED TYPE WTP	
Case Designation	D (inches) x L (inches)	Case Designation	D (inches) x L (inches)
A	.075" x 9/32"	AP	.082" x 9/32"
B	.095" x 1/4"	BP	.101" x 1/4"
C	.125" x 3/8"	CP	.134" x 3/8"
D	.125" x 9/16"	DP	.134" x 9/16"

WTP is furnished with a plastic insulating sleeve.

TYPE WT - STOCK VALUES

Cap. Mfd.	1 VDCW	Case Size	2 VDCW	Case Size	4 VDCW	Case Size	6 VDCW	Case Size	8 VDCW	Case Size	10 VDCW	Case Size	20 VDCW	Case Size
.1					WT185	A	WT610	A					WT1350	A
.5					WT190	A							WT1410	A
1.0					WT195	A	WT620	A	WT800	A				
2.0					WT200	A			WT905	A				
4.0					WT400	A							WT1200	C
8.0					WT165	A	WT550	A						
16.0	WT150	C						WT704	D					
20.0								WT708	D					

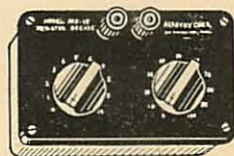
Available with plastic insulating sleeve. Specify Aerovox Type WTP.



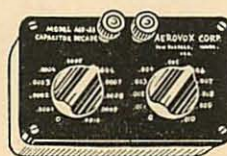
SIZE CODE: A-5-1/8, B-3-5/32, C-2-27/32

AEROVOX DECADE BOXES

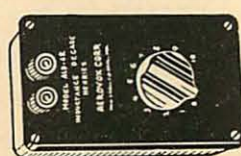
RESISTANCE CAPACITANCE INDUCTANCE



ARD



ACD



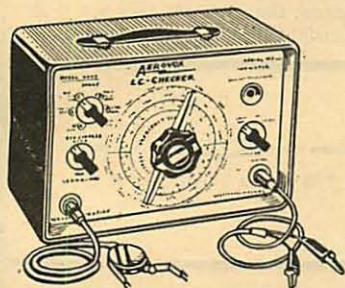
ALD

Laboratory quality Standards in capacitance, resistance and inductance at a price far below that of equivalent quality Standards. Available in ten units: three resistance decades, three capacitance decades and four inductance decades. Housed in a seamless, drawn steel case coated with grey enamel. Panels are black with the markings engraved in white.

All ratings are maximum and no guarantee can be enforced if ratings are exceeded in any way. Overload can change accuracy or cause actual burn-outs.

Multiple dial units have the highest value multipliers on the left-hand side so that readings are in order exactly as they should be read.

PART NO.	TYPE	DIELECTRIC	DIALS	RANGE	STEPS	ACCURACY ±		RATING	
						1st Dial	2nd Dial	1st Dial	2nd Dial
RESISTANCE									
ARD-15	R	Wire-Wound	2	0 to 110 ohms	1.0 ohm	5%	3%	1.0 Amp.	.5 Amp.
ARD-23	R	Wire-Wound	2	0 to 11 K	100 ohm	3%	3%	100 Ma.	50 Ma.
ARD-31	R	Carbon Deposited	2	0 to 1.1 meg.	10 K ohms	1%	1%	5 Ma.	2 Ma.
CAPACITANCE									
ACD-13	C	Mica	2	0 to .011 mfd.	.0001 mfd.	3%	3%	600 VDC 220 VAC	600 VDC 220 VAC
ACD-23	C	Oil-Paper	2	0 to 1.1 mfd.	.01 mfd.	3%	3%	600 VDC 220 VAC	600 VDC 220 VAC
ACD-33	C	Oil-Paper	1	0 to 10.0 mfd.	1.0 mfd.	3%	—	600 VDC 220 VAC	—
INDUCTANCE									
ALD-12	L	Toroidal	1	0 to 10 mh.	1.0 mh.	2%	—	250 MaDC	—
ALD-22	L	Toroidal	1	0 to 100 mh.	10.0 mh.	2%	—	79 MaDC	—
ALD-32	L	Toroidal	1	0 to 1.0 hy.	100.0 mh.	2%	—	25 MaDC	—
ALD-42	L	Toroidal	1	0 to 10.0 hy.	1.0 hy.	2%	—	8 MaDC	—

AEROVOX**CAPACITORS
RESISTORS****AEROVOX L-C CHECKER—MODEL 97**

The Aerovox Model 97 L-C Checker is a highly versatile test instrument capable of testing capacitance in circuit without removing either lead of the capacitor from the circuit.

The new Model 97 has been completely redesigned and engineered according to the latest design theories and utilizes the newest techniques of printed-circuitry to achieve the most efficient instrumentation available today to servicemen and technicians. The L-C Checker represents the ultimate in versatility and adaptability in a test instrument.

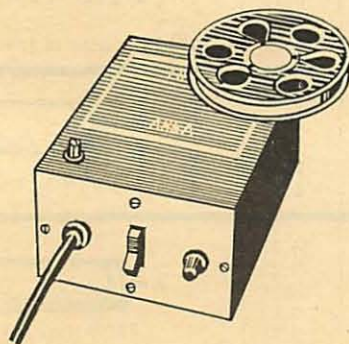
Some of the features of the Model 97 L-C Checker include: extended frequency range from a minimum of 74 kc to a maximum of 44 megacycles; a recessed front panel with an extra-large, easy-to-read dial with magnifying indicator. Finished in an attractive smooth grey, the instrument weighs only 8½ pounds and measures 13" x 8½" x 6" deep and comes furnished with all necessary test cords and probes.

A partial listing of the applications of the Model 97 L-C Checker includes:

1. Checking capacitors in circuit for values of capacitance and relative Q at radio frequency.
2. Checking capacitor insulation resistance (leakage).
3. Checking alignment of radio frequency and intermediate frequency circuits of domestic, marine, and short-wave receivers.
4. Tracking super-het oscillators.
5. Checking alignment of FM-I.F. channels and independent alignment of FM-I.F. transformers.
6. Checking resonant absorption troubles in "all wave" receiver circuits, locating dead spots, etc.
7. Location of resonant points in shorted windings (unused coils) in multi-range oscillators, etc.
8. Checking natural resonant points of r.f. chokes to make sure they are beyond circuit operating range.
9. Checking natural period of antennae and transmission lines.
10. Checking quartz crystals for true or false frequency, operation at harmonics and activity.
11. Checking transmitter buffer, amplifier and tank circuits for parasitic current loops with power off for safety.
12. Tuning of wave traps and filters for harmonic suppression.

**Professional Heavy Duty
AEROVOX TYPE 710 DEGAUSSER**

- Erases magnetic tape without rewinding
- Assures clean, noise-free erasures
- Ideal for instrumentation use
- Improves quality of new tape
- Will erase up to 1" width tapes
- Handles up to 7" and 10" spools
- Heavy gauge steel construction
- Complete with rubber feet, screw-in fuse and 6' rubber covered line cord

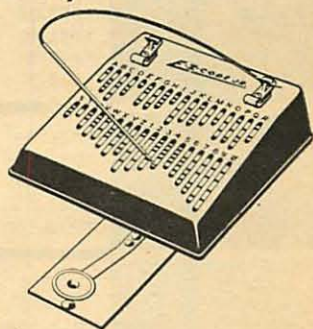
**SPECIFICATIONS**

- Operating Voltage** — 110-130 volts, 60 cycles AC
- Current Consumption** — 10 Amps
- Switch** — Heavy-duty on-off
- Fuse** — Screw-in type
- Construction** — Heavy gauge steel, gray baked enamel finish.
- Weight** — Approximately 15½ lbs.

* **E-Z-CODE** JUNIOR

Revolutionary New!

**MORSE
CODE
TEACHER**



This new instrument is not a record, not a tape, not a punched card... but a combination of modern printed wiring circuitry, an electric pencil and a completely new technique for learning code.

The radio-telegraph code is printed on a phenolic base by the etched copper process and then plated for added durability. Each letter of the code appears in vertical slots with wide and narrow bars of printed wiring acting as the dashes and dots respectively. Each dot and dash of the code is wired to the buzzer in the plastic housing. As the user draws the electric pencil down each slot, the electrical circuit is completed, sounding the dots and dashes of that particular letter.

Connecting two "E-Z-Code Junior" instruments will permit users to "send" to each other over a considerable distance. Connections are simply made with hookup wire to the two connecting clips. A "hide-away" telegraph key is mounted on a hinged flap which folds out of sight when not in use. The set can also be adapted for transmission through oscillators in ham receivers.

Each unit individually packed in attractive, multi-color display carton.

* Trademark