



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

MAIN OFFICE  
ARCO ELECTRONICS INC.  
NEW YORK 13, N. Y.

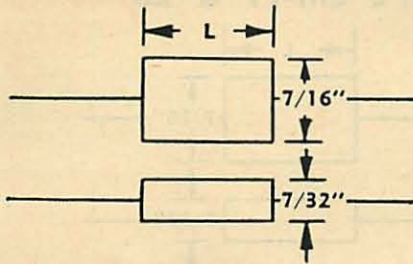
ARCO ELECTRONICS INC.  
CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### MOLDED FOIL MICA

#### TYPE CM-19 & 20



L—CM-19—11/16"; CM-20—25/32"

CM-19



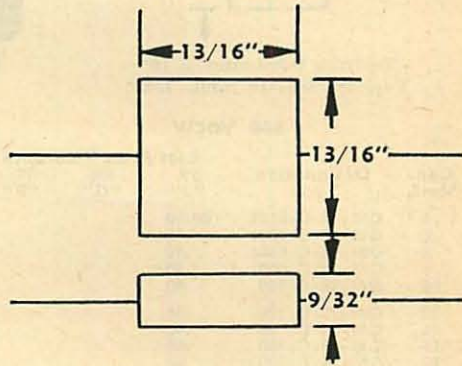
CM-30



Cap. Mmf.	Type Designation	List Price Tolerance		
		"M" ±20%	"K" ±10%	"J" ±5%
2700	CM-20B-272	\$0.95	\$1.05	\$1.19
3000	CM-20B-302	1.00	1.10	1.25
3300	CM-20B-332	1.05	1.16	1.31
3600*	CM-20B-362	1.00	1.10	1.25
3900*	CM-20B-392	1.05	1.16	1.31
4300*	CM-20B-432	1.10	1.21	1.38
4700*	CM-20B-472	1.20	1.32	1.50
5000*	CM-20B-502	1.25	1.38	1.56
5100*	CM-20B-512	1.25	1.38	1.56

Capacities from 5 mmf. to 2700 mmf. can be supplied in CM-19 cases.

#### TYPE CM-30



T—CM-30—9/32"; CM-35—11/32"

500 VDCW

Cap. Mmf.	Type Designation	List Price Tolerance		
		"M" ±20%	"K" ±10%	"J" ±5%
5	CM-20B-050	\$0.30	\$0.33	\$0.38
10	CM-20B-100	.30	.33	.38
12	CM-20B-120	.30	.33	.38
15	CM-20B-150	.30	.33	.38
18	CM-20B-180	.30	.33	.38
20	CM-20B-200	.30	.33	.38
22	CM-20B-220	.30	.33	.38
24	CM-20B-240	.30	.33	.38
27	CM-20B-270	.30	.33	.38
30	CM-20B-300	.30	.33	.38
33	CM-20B-330	.20	.22	.25
36	CM-20B-360	.20	.22	.25
39	CM-20B-390	.20	.22	.25
43	CM-20B-430	.20	.22	.25
47	CM-20B-470	.20	.22	.25
50	CM-20B-500	.20	.22	.25
51	CM-20B-510	.20	.22	.25
56	CM-20B-560	.20	.22	.25
62	CM-20B-620	.20	.22	.25
68	CM-20B-680	.20	.22	.25
75	CM-20B-750	.20	.22	.25
82	CM-20B-820	.20	.22	.25
91	CM-20B-910	.20	.22	.25
100	CM-20B-101	.20	.22	.25
110	CM-20B-111	.20	.22	.25
120	CM-20B-121	.20	.22	.25
130	CM-20B-131	.25	.28	.31
150	CM-20B-151	.25	.28	.31
160	CM-20B-161	.25	.28	.31
180	CM-20B-181	.25	.28	.31
200	CM-20B-201	.25	.28	.31
220	CM-20B-221	.25	.28	.31
240	CM-20B-241	.30	.33	.38
250	CM-20B-251	.30	.33	.38
270	CM-20B-271	.30	.33	.38
300	CM-20B-301	.30	.33	.38
330	CM-20B-331	.30	.33	.38
360	CM-20B-361	.30	.33	.38
390	CM-20B-391	.30	.33	.38
430	CM-20B-431	.30	.33	.38
470	CM-20B-471	.30	.33	.38
500	CM-20B-501	.30	.33	.38
510	CM-20B-511	.30	.33	.38
560	CM-20B-561	.35	.39	.44
620	CM-20B-621	.35	.39	.44
680	CM-20B-681	.35	.39	.44
750	CM-20B-751	.35	.39	.44
820	CM-20B-821	.40	.44	.50
910	CM-20B-911	.45	.50	.56
1000	CM-20B-102	.45	.50	.56
1100	CM-20B-112	.50	.55	.63
1200	CM-20B-122	.50	.55	.63
1300	CM-20B-132	.50	.55	.63
1500	CM-20B-152	.60	.66	.75
1600	CM-20B-162	.60	.66	.75
1800	CM-20B-182	.70	.77	.88
2000	CM-20B-202	.75	.83	.94
2200	CM-20B-222	.80	.88	1.00
2400	CM-20B-242	.85	.94	1.06
2500	CM-20B-252	.90	.99	1.13

Cap. Mmf.	Type Designation	List Price Tolerance		
		"M" ±20%	"K" ±10%	"J" ±5%
510	CM-30-B-511	\$0.30	\$0.36	\$0.39
560	CM-30-B-561	.30	.36	.39
620	CM-30-B-621	.30	.36	.39
680	CM-30-B-681	.30	.36	.39
750	CM-30-B-751	.30	.36	.39
820	CM-30-B-821	.30	.36	.39
910	CM-30-B-911	.30	.36	.39
1000	CM-30-B-102	.35	.39	.44
1100	CM-30-B-112	.35	.39	.44
1200	CM-30-B-122	.35	.39	.44
1300	CM-30-B-132	.35	.39	.44
1500	CM-30-B-152	.40	.44	.50
1600	CM-30-B-162	.40	.44	.50
1800	CM-30-B-182	.45	.50	.56
2000	CM-30-B-202	.45	.50	.56
2200	CM-30-B-222	.45	.50	.56
2400	CM-30-B-242	.50	.55	.63
2500	CM-30-B-252	.50	.55	.63
2700	CM-30-B-272	.50	.55	.63
3000	CM-30-B-302	.60	.66	.75
3300	CM-30-B-332	.60	.66	.75
3600	CM-30-B-362	.60	.66	.75
3900	CM-30-B-392	.65	.75	.85
4300	CM-30-B-432	.65	.75	.85
4700	CM-30-B-472	.65	.75	.85
5000	CM-30-B-502	.70	.81	.91
5100	CM-30-B-512	.70	.81	.91
5600	CM-30-B-562	.70	.81	.91
6200	CM-30-B-622	.90	1.04	1.17

#### TYPE CM-35

6800*	CM-35-B-682	\$0.95	\$1.05	\$1.19
7500*	CM-35-B-752	1.00	1.10	1.25
8200*	CM-35-B-822	1.15	1.27	1.44
9100*	CM-35-B-912	1.15	1.27	1.44
10000*	CM-35-B-103	1.40	1.54	1.75
12000*	CM-35-B-123	1.60	1.76	2.00
15000*	CM-35-B-153	2.00	2.20	2.50
6800	VCM-35-B-682	1.05	1.16	1.31
7500	VCM-35-B-752	1.15	1.27	1.44
8200	VCM-35-B-822	1.30	1.43	1.62
9100	VCM-35-B-912	1.30	1.43	1.62
10000	VCM-35-B-103	1.55	1.71	1.94

All capacities marked with \* are 300WV.



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## ELMENCO CAPACITORS

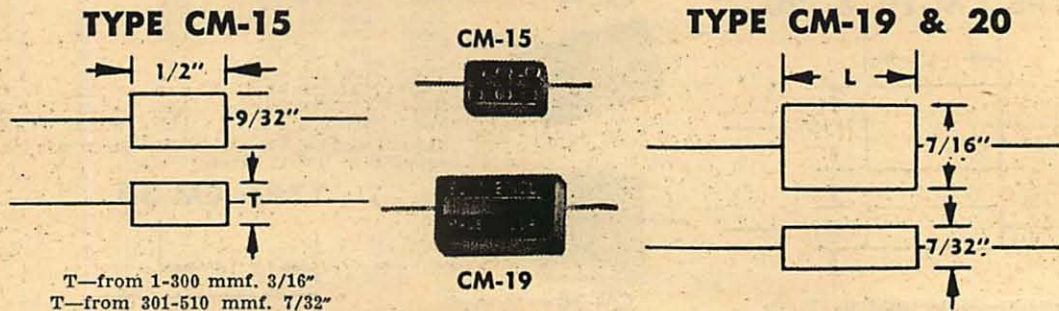
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ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### MOLDED SILVERED MICA



500 VDCW

Cap. Mmf.	Designation Type	List Price Tolerance		
		5% "J"	2% "G"	1% "F"
1	CM-15-C-010†	\$0.40		
2	CM-15-C-020†	.40		
3	CM-15-C-030†	.40		
5	CM-15-C-050†	.40		
10	CM-15-C-100	.40		
12	CM-15-C-120	.40		
15	CM-15-C-150	.40		
18	CM-15-C-180	.40		
20	CM-15-C-200	.40		
22	CM-15-C-220	.40		
24	CM-15-E-240	.40		
27	CM-15-E-270	.40	\$0.46	
30	CM-15-E-300	.40	.46	
33	CM-15-E-330	.40	.46	
36	CM-15-E-360	.40	.46	
39	CM-15-E-390	.40	.46	
43	CM-15-E-430	.40	.46	
47	CM-15-E-470	.40	.46	
50	CM-15-E-500	.40	.46	\$0.50
51	CM-15-E-510	.40	.46	.50
56	CM-15-E-560	.40	.46	.50
62	CM-15-E-620	.40	.46	.50
68	CM-15-E-680	.40	.46	.50
75	CM-15-E-750	.40	.46	.50
82	CM-15-E-820	.45	.52	.56
91	CM-15-E-910	.45	.52	.56
100	CM-15-E-101	.45	.52	.56
110	CM-15-E-111	.45	.52	.56
120	CM-15-E-121	.45	.52	.56
130	CM-15-E-131	.45	.52	.56
150	CM-15-E-151	.45	.52	.56
160	CM-15-E-161	.50	.58	.63
180	CM-15-E-181	.50	.58	.63
200	CM-15-E-201	.50	.58	.63
220	CM-15-E-221	.55	.63	.69
240	CM-15-E-241	.55	.63	.69
250	CM-15-E-251	.55	.63	.69
270	CM-15-E-271	.60	.69	.75
300	CM-15-E-301	.60	.69	.75
330	CM-15-E-331	.65	.75	.81
360	CM-15-E-361	.70	.81	.88
390	CM-15-E-391	.70	.81	.88
430*	CM-15-E-431	.75	.86	.94
470*	CM-15-E-471	.80	.92	1.00
500*	CM-15-E-501	.80	.92	1.00
510*	CM-15-E-511	.80	.92	1.00

NOTES—\* Voltage Rating 300 VDCW.  
† Closest Tolerance ±0.5 mmf.

**SPECIFICATIONS NOTES:**

±½% tolerance available above 100 mmf. at double ±5% list price.  
CM15, available "F" characteristic above 33 mmf.  
CM19, 20 available "E" characteristic above 33 mmf.  
CM19, 20 available "F" characteristic above 56 mmf.

L—CM-19—11/16"; CM-20—25/32"

500 VDCW

Cap. Mmf.	Type Designation	List Price Tolerance		
		±5% "J"	±2% "G"	±1% "F"
5	CM-20C-050	\$0.40		
10	CM-20C-100	.40		
12	CM-20C-120	.40		
15	CM-20C-150	.40		
18	CM-20C-180	.40		
20	CM-20C-200	.40		
22	CM-20C-220	.40		
24	CM-20C-240	.40		
27	CM-20C-270	.40	\$0.46	
30	CM-20C-300	.40	.46	
33	CM-20C-330	.40	.46	
36	CM-20C-360	.40	.46	
39	CM-20C-390	.40	.46	
43	CM-20C-430	.40	.46	
47	CM-20C-470	.40	.46	
50	CM-20C-500	.40	.46	\$0.50
51	CM-20C-510	.40	.46	.50
56	CM-20C-560	.40	.46	.50
62	CM-20C-620	.40	.46	.50
68	CM-20C-680	.40	.46	.50
75	CM-20C-750	.40	.46	.50
82	CM-20C-820	.40	.46	.50
91	CM-20C-910	.40	.46	.50
100	CM-20C-101	.40	.46	.50
110	CM-20C-111	.45	.52	.56
120	CM-20C-121	.45	.52	.56
130	CM-20C-131	.45	.52	.56
150	CM-20C-151	.45	.52	.56
160	CM-20C-161	.45	.52	.56
180	CM-20C-181	.45	.52	.56
200	CM-20D-201	.45	.52	.56
220	CM-20D-221	.45	.52	.56
240	CM-20D-241	.55	.63	.69
250	CM-20D-251	.55	.63	.69
270	CM-20D-271	.55	.63	.69
300	CM-20D-301	.55	.63	.69
330	CM-20D-331	.55	.63	.69
360	CM-20D-361	.55	.63	.69
390	CM-20D-391	.65	.75	.81
430	CM-20D-431	.65	.75	.81
470	CM-20D-471	.70	.81	.88
500	CM-20D-501	.70	.81	.88
510	CM-20D-511	.70	.81	.88
560	CM-20D-561	.75	.86	.94
620	CM-20D-621	.75	.86	.94
680	CM-20D-681	.80	.92	1.00
750	CM-20D-751	.80	.92	1.00
820	CM-20D-821	.85	.98	1.06
910	CM-20D-911	.85	.98	1.06
1000	CM-20E-102	.90	1.04	1.13
1100	CM-20E-112	.90	1.04	1.13
1200	CM-20E-122	1.00	1.15	1.25
1300	CM-20E-132	1.00	1.15	1.25
1500	CM-20E-152	1.10	1.27	1.38
1600	CM-20E-162	1.10	1.27	1.38
1800	CM-20E-182	1.20	1.38	1.50
2000	CM-20E-202	1.30	1.50	1.63
2200	CM-20E-222	1.40	1.61	1.75
2400	CM-20E-242	1.45	1.67	1.81
2500	CM-20E-252	1.50	1.73	1.88



# ARCO ELECTRONICS INC.

## ELMENDO CAPACITORS

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CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### MOLDED SILVERED MICA

#### TYPE CM-19 & 20

500 VDCW

Cap. Mmf.	Type Designation	List Price Tolerance		
		"J" ±5%	"G" ±2%	"F" ±1%
2700	CM-20E-272	1.60	1.84	2.00
3000	CM-20E-302	1.80	2.07	2.25
3300	CM-20E-332	1.90	2.19	2.38
3600*	CM-20E-362	1.90	2.19	2.38
3900*	CM-20E-392	2.00	2.30	2.50
4300*	CM-20E-432	2.10	2.42	2.63
4700*	CM-20E-472	2.20	2.53	2.75
5000*	CM-20E-502	2.30	2.65	2.88
5100*	CM-20E-512	2.30	2.65	2.88

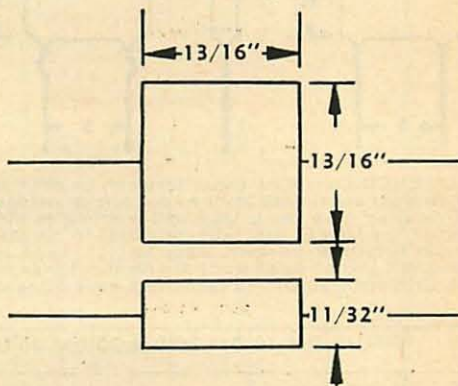
Capacities from 5 mmf. to 2700 mmf. can be supplied in CM-19 cases.

#### CM-30



#### CM-42

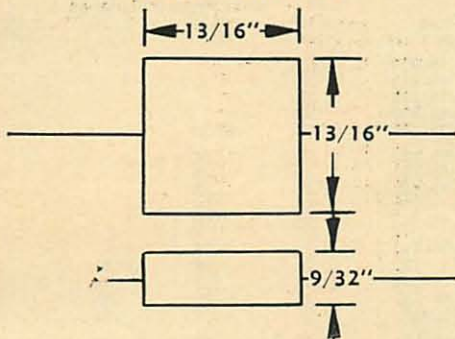
#### TYPE CM-35



500 VDCW

Cap. Mmf.	Type Designation	List Price Tolerance		
		"J" ±5%	"G" ±2%	"F" ±1%
6800*	CM-35-E-682	\$2.65	\$3.05	\$3.31
7500*	CM-35-E-752	2.80	3.22	3.50
8200*	CM-35-E-822	3.00	3.45	3.75
9100*	CM-35-E-912	3.20	3.68	4.00
10000*	CM-35-E-103	3.50	4.03	4.38
12000*	CM-35-E-123	4.25	4.89	5.31
15000*	CM-35-E-153	5.00	5.75	6.25
6800	VCM-35-E-682	2.90	3.34	3.62
7500	VCM-35-E-752	3.05	3.51	3.81
8200	VCM-35-E-822	3.30	3.80	4.13
9100	VCM-35-E-912	3.70	4.03	4.38
10000	VCM-35-E-103	3.35	4.43	4.81

#### TYPE CM-30



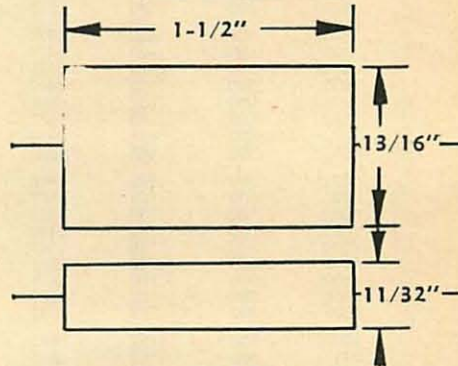
500 VDCW

Cap. Mmf.	Type Designation	List Price Tolerance		
		"J" ±5%	"G" ±2%	"F" ±1%
510	CM-30-E-511	\$0.70	\$0.81	\$0.88
560	CM-30-E-561	.75	.86	.94
620	CM-30-E-621	.75	.86	.94
680	CM-30-E-681	.80	.92	1.00
750	CM-30-E-751	.80	.92	1.00
820	CM-30-E-821	.85	.98	1.06
910	CM-30-E-911	.90	1.04	1.13
1000	CM-30-E-102	1.00	1.15	1.25
1100	CM-30-E-112	1.00	1.15	1.25
1200	CM-30-E-122	1.15	1.32	1.44
1300	CM-30-E-132	1.15	1.32	1.44
1500	CM-30-E-152	1.25	1.44	1.56
1600	CM-30-E-162	1.25	1.44	1.56
1800	CM-30-E-182	1.25	1.44	1.56
2000	CM-30-E-202	1.35	1.55	1.69
2200	CM-30-E-222	1.35	1.55	1.69
2400	CM-30-E-242	1.60	1.84	2.00
2500	CM-30-E-252	1.60	1.84	2.00
2700	CM-30-E-272	1.80	2.07	2.25
3000	CM-30-E-302	1.90	2.19	2.38
3300	CM-30-E-332	1.90	2.19	2.38
3600	CM-30-E-362	2.00	2.30	2.50
3900	CM-30-E-392	2.00	2.30	2.50
4300	CM-30-E-432	2.10	2.42	2.63
4700	CM-30-E-472	2.10	2.42	2.63
5000	CM-30-E-502	2.15	2.47	2.69
5100	CM-30-E-512	2.15	2.47	2.69
5600	CM-30-E-562	2.25	2.59	2.81
6200	CM-30-E-622	2.40	2.76	3.00

NOTE:—All above "SILVERED MICA" units can be supplied in "F" Characteristic at no extra cost. For ±1/2% Tolerance double the 5% List prices.

All Type CM-42 units can be supplied in "F" characteristic at no extra cost. For ±1/2% Tolerance double the 1% list price.

#### TYPE CM-42



500 VDCW

12000	CM-42-E-123	3.90	4.49	4.88
13000	CM-42-E-133	4.20	4.83	5.25
15000	CM-42-E-153	4.80	5.52	6.00
16000	CM-42-E-163	5.10	5.87	6.38
18000	CM-42-E-183	5.70	6.56	7.13
20000	CM-42-E-203	6.30	7.25	7.88
22000	CM-42-E-223	6.90	7.94	8.63
24000	CM-42-E-243	7.50	8.63	9.38
25000	CM-42-E-253	7.80	8.97	9.75
27000*	CM-42-E-273	7.50	8.63	9.38
30000*	CM-42-E-303	7.80	8.97	9.75
33000*	CM-42-E-333	8.50	9.78	10.63
36000*	CM-42-E-363	9.50	10.93	11.88
39000*	CM-42-E-393	10.50	12.08	13.13

All capacities marked with \* are 300WV.



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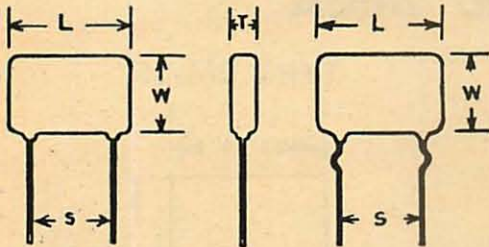
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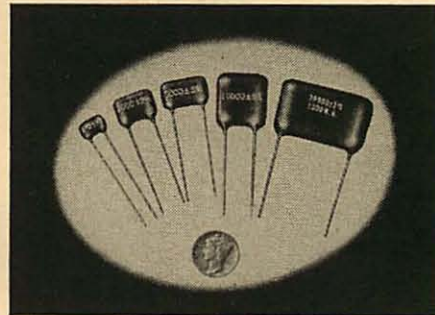


All ELMenco Dur-Mica capacitors can be obtained with either straight or crimped leads as per line drawings above. The dimension from the bottom of the crimp to the coated portion of the lead is approximately 5/32 in all case sizes. Minimum length of crimped leads is 1/4". Lead sizes for both straight and crimped leads are identical except for the DM-15. Crimped lead DM-15 capacitors have #20 gage wire.

	DM-15	DM-19	DM-20	DM-30	DM-40	DM-42
S (± 1/32)	15/64	11/32	7/16	7/16	19/32	1-1/16
WIRE LEAD	#22	#20	#20	#18	#18	#18

### CASE SIZES — DUR-MICA SERIES

Case Size	Cap. mmf.	Volt. VDCW	L max.	W max.	T max.
DM-15	10	500	.446	.351	.163
	40	500	.448	.355	.166
	100	500	.451	.360	.175
	200	500	.457	.372	.190
	400	500	.470	.395	.220
	400	300	.457	.365	.190
	600	300	.463	.371	.204
820	300	.470	.378	.220	
DM-19	100	500	.622	.476	.178
	200	500	.624	.478	.180
	500	500	.628	.482	.186
	1000	500	.636	.490	.197
	2000	500	.652	.506	.219
	3000	500	.668	.520	.240
	4000	300	.655	.510	.223
4000	300	.665	.520	.240	
DM-20	200	500	.722	.463	.181
	600	500	.726	.469	.189
	1000	500	.730	.475	.196
	2000	500	.740	.490	.215
	3000	500	.750	.505	.234
	4300	500	.760	.525	.258
	4300	300	.750	.511	.233
	5000	300	.755	.520	.242
6200	300	.763	.533	.258	
DM-30	3000	500	.757	.845	.238
	5000	500	.765	.855	.253
	7000	500	.773	.865	.268
	10000	500	.783	.879	.290
	10000	300	.780	.855	.273
	15000	300	.798	.868	.302
20000	300	.815	.880	.330	
DM-40	3000	500	.927	.659	.220
	5000	500	.938	.682	.247
	10000	500	.965	.740	.315
	10000	300	.962	.693	.263
	15000	300	.990	.725	.305
DM-42	10000	500	1.385	.833	.237
	20000	500	1.406	.851	.287
	30000	500	1.426	.868	.337
	40000	500	1.446	.886	.384
	40000	300	1.431	.830	.357
	50000	300	1.446	.918	.396
63000	300	1.466	.963	.442	



### TYPE DM-15

500VDCW

Cap. Mmf.	Type Designation	± 10% "K"	List Price	± 5% "J"	± 2% "G"	± 1% "F"
1	DM-15-010†	\$0.25				
2	DM-15-020†	.25				
3	DM-15-030†	.25				
5	DM-15-050†	.25				
10	DM-15-100	.25	\$0.28			
12	DM-15-120	.25	.28			
15	DM-15-150	.25	.28			
18	DM-15-180	.25	.28			
20	DM-15-200	.25	.28			
22	DM-15-220	.25	.28			
24	DM-15-240	.25	.28			
27	DM-15-270	.25	.28	\$0.33		
30	DM-15-300	.25	.28	.33		
33	DM-15-330	.25	.28	.33		
36	DM-15-360	.25	.28	.33		
39	DM-15-390	.25	.28	.33		
43	DM-15-430	.25	.28	.33		
47	DM-15-470	.25	.28	.33		
50	DM-15-500	.25	.28	.33		\$0.40
51	DM-15-510	.25	.28	.33		.40
56	DM-15-560	.25	.28	.33		.40
62	DM-15-620	.25	.28	.33		.40
68	DM-15-680	.25	.28	.33		.40
75	DM-15-750	.25	.28	.33		.40
82	DM-15-820	.25	.28	.33		.40
91	DM-15-910	.25	.28	.33		.40
100	DM-15-101	.25	.28	.33		.40
110	DM-15-111	.30	.33	.39		.48
120	DM-15-121	.30	.33	.39		.48
130	DM-15-131	.30	.33	.39		.48
150	DM-15-151	.30	.33	.39		.48
160	DM-15-161	.35	.39	.46		.56
180	DM-15-181	.35	.39	.46		.56
200	DM-15-201	.35	.39	.46		.56
220	DM-15-221	.40	.44	.52		.64
240	DM-15-241	.40	.44	.52		.64
250	DM-15-251	.40	.44	.52		.64
270	DM-15-271	.45	.50	.59		.72
300	DM-15-301	.45	.50	.59		.72
330	DM-15-331	.50	.55	.65		.80
360	DM-15-361	.50	.55	.65		.80
390	DM-15-391	.55	.61	.72		.88
430*	DM-15-431	.55	.61	.72		.88
470*	DM-15-471	.60	.66	.78		.96
500*	DM-15-501	.60	.66	.78		.96
510*	DM-15-511	.60	.66	.78		.96
560*	DM-15-561	.65	.72	.85		1.04
620*	DM-15-621	.70	.77	.91		1.12
680*	DM-15-681	.75	.83	.98		1.20
750*	DM-15-751	.80	.88	1.04		1.28
820*	DM-15-821	.85	.94	1.11		1.36
910**	DM-15-911	.95	1.05	1.24		1.43
1000**	DM-15-102	1.00	1.10	1.30		1.60

All capacities marked with \* are 300WV.  
All capacities marked with \*\* are 100WV.





# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

Demand for smaller units in higher voltages designed to meet the requirements for TELEVISION, POWER AMPLIFIERS, LOW POWER TRANSMITTERS, and various INDUSTRIAL USES has increased. EL-MENCO designed and produced units listed below are especially adaptable to compact circuits where space is an important factor. Their acceptance has been overwhelming by the various manufacturers of TELEVISION RECEIVERS.

In many cases, these units will do the work of capacitors molded in CM-45, CM-50, and CM-55 cases without breaking down. NO SPECIAL MOUNTINGS ARE NECESSARY; just wire right into the circuit.

The capacitors are molded in low-loss Phenolic Resin in CM-20, CM-35, CM-42 cases and tested at double the branded voltage. They are tested for dielectric strength, insulation resistance, temperature coefficient capacitance drift, susceptibility to humidity, and length of life, according to RMA Standards. All units are wax-dipped for protection against salt water immersion.

### VCM-20 HI-VOLTAGE MOLDED SILVER MICA

CHARACTERISTICS "B" - "C" & "D"

Cap. Mmf.	Type Designation	2000 VOLTS DC TEST 1000 VOLTS DC WKG. TOLERANCE . . . . LIST PRICE					3000 VOLTS DC TEST 1500 VOLTS DC WKG. TOLERANCE . . . . LIST PRICE					5000 VOLTS DC TEST 2500 VOLTS DC WKG. TOLERANCE . . . . LIST PRICE				
		"M" ±20%	"K" ±10%	"J" ±5%	"G" ±2%	"F" ±1%	"M" ±20%	"K" ±10%	"J" ±5%	"G" ±2%	"F" ±1%	"M" ±20%	"K" ±10%	"J" ±5%	"G" ±2%	"F" ±1%
5	VCM-20-050	\$0.30	\$0.35	\$0.45												
10	VCM-20-100	.30	.35	.45												
12	VCM-20-120	.30	.35	.45												
15	VCM-20-150	.30	.35	.45												
18	VCM-20-180	.30	.35	.45												
20	VCM-20-200	.30	.35	.45												
22	VCM-20-220	.30	.35	.45												
24	VCM-20-240	.30	.35	.45												
27	VCM-20-270	.30	.35	.45	\$0.52											
30	VCM-20-300	.30	.35	.45	.52		\$0.35	\$0.40								
33	VCM-20-330	.30	.35	.45	.52		.35	.40	.50	.58		.40	.46	.60	.69	
36	VCM-20-360	.30	.35	.45	.52		.35	.40	.50	.58		.40	.46	.60	.69	
39	VCM-20-390	.30	.35	.45	.52		.35	.40	.50	.58		.40	.46	.60	.69	
43	VCM-20-430	.30	.35	.45	.52		.35	.40	.50	.58		.40	.46	.60	.69	
47	VCM-20-470	.30	.35	.45	.52		.35	.40	.55	.63		.40	.46	.70	.81	
50	VCM-20-500	.30	.35	.45	.52	\$0.56	.35	.40	.55	.63	\$0.69	.40	.46	.70	.81	\$0.88
51	VCM-20-510	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.40	.46	.70	.81	.88
56	VCM-20-560	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.40	.46	.70	.81	.88
62	VCM-20-620	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.40	.46	.70	.81	.88
68	VCM-20-680	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.45	.52	.80	.92	1.00
75	VCM-20-750	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.50	.58	.90	1.04	1.13
82	VCM-20-820	.30	.35	.45	.52	.56	.35	.40	.55	.63	.69	.50	.58	.90	1.04	1.13
91	VCM-20-910	.35	.40	.50	.58	.63	.40	.46	.60	.69	.75	.50	.58	.90	1.04	1.13
100	VCM-20-101	.35	.40	.50	.58	.63	.40	.46	.60	.69	.75	.55	.66	1.00	1.15	1.25
110	VCM-20-111	.35	.40	.50	.58	.63	.40	.46	.60	.69	.75	.60	.72	1.10	1.27	1.38
120	VCM-20-121	.35	.40	.50	.58	.63	.40	.46	.60	.69	.75	.60	.72	1.20	1.38	1.50
130	VCM-20-131	.35	.40	.50	.58	.63	.40	.46	.60	.69	.75	.60	.72	1.20	1.38	1.50
150	VCM-20-151	.35	.40	.50	.58	.63	.40	.46	.70	.81	.88	.65	.78	1.30	1.50	1.63
160	VCM-20-161	.35	.40	.55	.63	.69	.40	.46	.70	.81	.88	.70	.84	1.40	1.61	1.75
180	VCM-20-181	.35	.40	.55	.63	.69	.40	.46	.70	.81	.88	.70	.84	1.40	1.61	1.75
200	VCM-20-201	.40	.46	.55	.63	.69	.45	.52	.80	.92	1.00	.80	.96	1.60	1.84	2.00
220	VCM-20-221	.40	.46	.60	.69	.75	.45	.52	.80	.92	1.00	.85	1.02	1.60	1.84	2.00
240	VCM-20-241	.40	.46	.60	.69	.75	.45	.52	.80	.92	1.00					
250	VCM-20-251	.40	.46	.65	.75	.81	.55	.66	1.00	1.15	1.25					
270	VCM-20-271	.40	.46	.65	.75	.81	.55	.66	1.00	1.15	1.25					
300	VCM-20-301	.45	.52	.70	.81	.88	.60	.72	1.10	1.27	1.38					
330	VCM-20-331	.45	.52	.70	.81	.88	.60	.72	1.10	1.27	1.38					
360	VCM-20-361	.45	.52	.70	.81	.88	.60	.72	1.15	1.32	1.44					
390	VCM-20-391	.45	.52	.70	.81	.88	.65	.78	1.15	1.32	1.44					
430	VCM-20-431	.50	.58	.75	.86	.94	.65	.78	1.20	1.38	1.50					
470	VCM-20-471	.50	.58	.75	.86	.94	.70	.84	1.25	1.44	1.56					
500	VCM-20-501	.50	.58	.75	.86	.94	.70	.84	1.30	1.50	1.63					
510	VCM-20-511	.50	.58	.75	.86	.94	.70	.84	1.30	1.50	1.63					
560	VCM-20-561	.55	.66	.80	.92	1.00	.80	.96	1.35	1.55	1.69					
620	VCM-20-621	.55	.66	.85	.98	1.06										
680	VCM-20-681	.60	.72	.90	1.04	1.13										
750	VCM-20-751	.60	.72	.95	1.09	1.19										
820	VCM-20-821	.65	.78	1.00	1.15	1.25										
910	VCM-20-911	.70	.84	1.05	1.21	1.31										
1000	VCM-20-102	.75	.90	1.10	1.27	1.38										
1100	VCM-20-112	.80	.92	1.20	1.38	1.50										
1200	VCM-20-122	.85	.98	1.25	1.44	1.56										
1300	VCM-20-132	.90	1.04	1.30	1.50	1.63										

**PLEASE SPECIFY WORKING VOLTAGE RATING WHEN ORDERING**



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### VCM-35 & 42 HI-VOLTAGE REGULAR FOIL MICA

### VCM-35 & 42 HI-VOLTAGE SILVERED MICA

Cap. Mmf.	Type Designation	"B" CHARACTERISTIC						"C" - "D" - "E" - "F" CHARACTERISTIC								
		2000VDC Test 1000VDC Wkg. List Price		3000VDC Test 1500VDC Wkg. List Price		5000VDC Test 2500VDC Wkg. List Price		2000VDC Test 1000VDC Wkg. List Price			3000VDC Test 1500VDC Wkg. List Price			5000VDC Test 2500VDC Wkg. List Price		
		"M" ±20%	"K" ±10%	"M" ±20%	"K" ±10%	"M" ±20%	"K" ±10%	"J" ±5%	"G" ±2%	"F" ±1%	"J" ±5%	"G" ±2%	"F" ±1%	"J" ±5%	"G" ±2%	"F" ±1%
240	VCM-35-241					\$0.60	\$0.69							\$1.20	\$1.38	\$1.50
250	VCM-35-251					.60	.69							1.20	1.38	1.50
270	VCM-35-271					.60	.69							1.20	1.38	1.50
300	VCM-35-301					.65	.75							1.30	1.50	1.63
330	VCM-35-331					.65	.75							1.30	1.50	1.63
360	VCM-35-361					.75	.86							1.50	1.73	1.88
390	VCM-35-391					.80	.92							1.60	1.84	2.00
430	VCM-35-431					.80	.92							1.60	1.84	2.00
470	VCM-35-471					.80	.92							1.60	1.84	2.00
500	VCM-35-501					.85	.98							1.70	1.96	2.13
510	VCM-35-511					.85	.98							1.70	1.96	2.13
560	VCM-35-561					.90	1.04							1.80	2.07	2.25
620	VCM-35-621															
680	VCM-35-681			\$0.75	\$0.86							\$1.50	\$1.73	\$1.88		
750	VCM-35-751			.75	.86							1.50	1.73	1.88		
820	VCM-35-821			.85	.98							1.70	1.96	2.13		
910	VCM-35-911			.90	1.04							1.80	2.07	2.25		
1000	VCM-35-102			.90	1.04							1.80	2.07	2.25		
1100	VCM-35-112	\$0.60	\$0.69	.95	1.09			\$1.20	\$1.38	\$1.50		1.90	2.19	2.38		
1200	VCM-35-122	.65	.75	1.10	1.27			1.30	1.50	1.63		2.20	2.53	2.75		
1300	VCM-35-132	.65	.75	1.15	1.32			1.30	1.50	1.63		2.30	2.65	2.88		
1500	VCM-35-152	.75	.86	1.30	1.50			1.50	1.73	1.88		2.60	2.99	3.25		
1600	VCM-35-162	.80	.92	1.30	1.50			1.60	1.84	2.00		2.60	2.99	3.25		
1800	VCM-35-182	.80	.92	1.45	1.67			1.60	1.84	2.00		2.90	3.34	3.63		
2000	VCM-35-202	.85	.98	1.60	1.84			1.70	1.96	2.13		3.20	3.68	4.00		
2200	VCM-35-222	.95	1.09	1.70	1.96			1.90	2.19	2.38		3.40	3.91	4.25		
2490	VCM-35-242	1.05	1.21	1.80	2.07			2.10	2.42	2.63		3.60	4.14	4.50		
2700	VCM-35-272	1.05	1.21	2.00	2.30			2.10	2.42	2.63		4.00	4.60	5.00		
3000	VCM-35-302	1.15	1.32	2.20	2.53			2.30	2.65	2.88		4.40	5.06	5.50		
3300	VCM-35-332	1.20	1.38	2.30	2.65			2.40	2.76	3.00		4.60	5.29	5.75		
3600	VCM-35-362	1.35	1.55					2.70	3.10	3.38						
3900	VCM-35-392	1.40	1.61					2.80	3.22	3.50						
4300	VCM-35-432	1.50	1.73					3.00	3.45	3.75						
4700	VCM-35-472	1.65	1.90					3.30	3.80	4.13						
5000	VCM-35-502	1.75	2.00					3.40	3.91	4.25						
5100	VCM-35-512	1.75	2.00					3.40	3.91	4.25						
5600	VCM-35-562	2.00	2.30					3.80	4.37	4.75						
6200	VCM-42-622	2.10	2.42					4.30	4.95	5.38						
6800	VCM-42-682	2.20	2.53					4.60	5.29	5.75						
7500	VCM-42-752	2.30	2.65					4.90	5.64	6.13						
8200	VCM-42-822	2.40	2.76					5.30	6.10	6.63						
9100	VCM-42-912	2.60	2.99					5.80	6.67	7.25						
10000	VCM-42-103	2.80	3.22					6.30	7.25	7.88						
12000	VCM-42-123	3.00	3.45					7.30	8.40	9.13						
13000	VCM-42-133	3.50	4.03					8.00	9.20	10.00						
15000	VCM-42-153	4.00	4.60					9.00	10.35	11.25						
16000	VCM-42-163	4.50	5.18					9.60	11.04	12.00						

NOTE:—All above units can be supplied in characteristic "C"-"D"-"E"-"F" at the above list prices.

WHEN ORDERING PLEASE SPECIFY WORKING VOLTAGE RATING

REGULAR FOIL MICA  
Designate VCM-35B

SILVERED MICA  
Designate VCM-35C-D-E or F

# ARCO ELECTRONICS INC.

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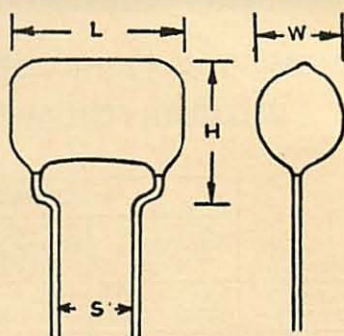
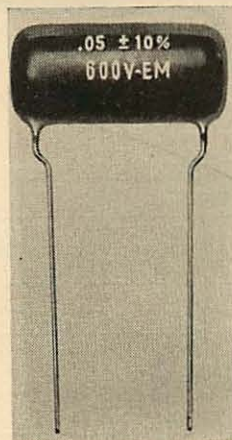


The new ELMENCO Mylar\*-Paper Capacitors represent a double break-through in capacitor design. A level of reliability which meets computer and missile requirements has been achieved in a design normally used and priced for the radio-TV market. As a result, these ELMENCO dipped Mylar\*-Paper capacitors can be used in the most critical applications with a substantial saving in cost.

ELMENCO dipped tubulars are non-inductively wound and vacuum dipped to obtain solid impregnation and a rugged moisture-proof coat. Special winding design provides insulation resistance comparable to competitive polyester film units.

### SPECIFICATIONS

CAPACITANCE RANGES:	see table below.	tolerance ±10%.
VOLTAGE RATINGS:	100VDCW, 200VDCW, 400VDCW, 600VDCW, 1600VDCW, (1000VDCW upon request).	
INSULATION RESISTANCE:	@ 25°C.: 5000 megohm-microfarads or 100,000 megohms minimum, whichever is the lesser. @ 110°C.: 70 megohm-microfarads or 1400 megohms minimum, whichever is the lesser.	
POWER FACTOR:	1.0% maximum at 1kc.	
TEMPERATURE RANGE:	-55°C. to +110° with no voltage derating.	
CAPACITANCE CHANGE VS. TEMPERATURE:	From 25°C. to -55° (-9.0% max.) From 25°C. to +110°C. (+10.0% max.)	
LONG TERM OPERATING STABILITY AT FULL RATED VOLTAGE AND RATED TEMPERATURE EXTREMES IS ±2% MAXIMUM.		
* Du Pont Trademark		



DIMENSIONS FOR DP TYPE CAPACITORS

	L	H	W	S
DP-1	3/4	11/16	7/16	1/4
DP-2	7/8	3/4	1/2	7/16
DP-3	1-1/4	7/8	5/8	23/32
DP-4	1-11/32	15/16	11/16	27/32
DP-5	1-9/16	1-1/16	7/8	1-3/32

L, H, and W dimensions are maximum and include highest capacitance values in each size. Since dipped unit size varies with size of winding, lower capacities will have smaller dimensions, particularly in values of "H" and "W". If size is critical, inquiry as to exact size for value required is recommended. For example, although maximum "H" dimension of a DP-5 is 1-1/16", some units will have a corresponding size of only 13/16". Tabulation of size vs. capacity similar to "DM" mica units will be published when completed.

Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price
<b>100VDCW</b>											
			.33	2DP-5-334	\$0.70	.0025	6DP-1-252	\$0.35	.075	6DP-4-753	\$0.55
			.47	2DP-5-474	.85	.0027	6DP-1-272	.35	.082	6DP-4-823	.55
.005	1DP-1-502	\$0.35	.5	2DP-5-504	.85	.003	6DP-1-302	.35	.1	6DP-4-104	.55
.006	1DP-1-602	.35	<b>400V</b>								
.0068	1DP-1-682	.35	.01	4DP-1-103	.35	.0033	6DP-1-332	.35	.15	6DP-5-154	.70
.0075	1DP-1-752	.35	.015	4DP-1-153	.35	.0039	6DP-1-392	.35	.2	6DP-5-204	.80
.01	1DP-1-103	.35	.02	4DP-2-203	.35	.004	6DP-1-402	.35	.22	6DP-5-224	.80
<b>200V</b>											
.015	1DP-1-153	.35	.022	4DP-2-223	.40	.0047	6DP-1-472	.35	.25	6DP-5-254	.85
.02	1DP-1-203	.35	.025	4DP-2-253	.40	.005	6DP-1-502	.35	<b>1600V</b>		
.022	1DP-1-223	.35	.03	4DP-2-303	.40	.0056	6DP-1-562	.35	.001	16DP-1-102	.55
.025	1DP-1-253	.35	.033	4DP-2-333	.40	.006	6DP-1-602	.40	.0015	16DP-1-152	.55
.03	1DP-1-303	.35	.04	4DP-3-403	.40	.0068	6DP-1-682	.40	.0018	16DP-1-182	.55
<b>400V</b>											
.033	1DP-2-333	.35	.047	4DP-3-473	.40	.0082	6DP-2-822	.40	.002	16DP-1-202	.55
.04	1DP-2-403	.40	.05	4DP-3-503	.40	.008	6DP-2-802	.40	.0022	16DP-2-222	.55
.047	1DP-2-473	.40	<b>600V</b>								
.05	1DP-2-503	.40	.056	4DP-3-563	.40	.012	6DP-2-123	.40	.0025	16DP-2-252	.55
.056	1DP-2-563	.40	.068	4DP-3-683	.50	.015	6DP-2-153	.40	.003	16DP-2-302	.55
<b>200V</b>											
.068	1DP-2-683	.40	.075	4DP-3-753	.50	.02	6DP-2-203	.40	.0033	16DP-2-332	.55
.075	1DP-2-753	.45	.1	4DP-3-104	.50	.022	6DP-2-223	.40	.004	16DP-2-402	.55
.1	1DP-2-104	.45	.15	4DP-4-154	.55	.025	6DP-3-253	.45	.0047	16DP-2-472	.55
.15	1DP-3-154	.45	<b>200V</b>								
.2	1DP-3-204	.50	.2	4DP-4-204	.65	.027	6DP-3-273	.45	.005	16DP-2-502	.55
<b>200V</b>											
.22	1DP-3-224	.50	.22	4DP-5-224	.65	.03	6DP-3-303	.45	.006	16DP-3-602	.60
.25	1DP-3-254	.55	.25	4DP-5-254	.70	.033	6DP-3-333	.45	.007	16DP-3-702	.60
<b>200V</b>											
<b>200V</b>											
.001	6DP-1-102	.35	.27	4DP-5-274	.70	.039	6DP-3-393	.45	.0075	16DP-3-752	.60
.0012	6DP-1-122	.35	<b>200V</b>								
.0015	6DP-1-152	.35	<b>200V</b>								
.002	6DP-1-202	.35	<b>200V</b>								
.0022	6DP-1-222	.35	<b>200V</b>								
.047	6DP-3-473	.50	<b>200V</b>								
.05	6DP-3-503	.50	<b>200V</b>								
.056	6DP-3-563	.50	<b>200V</b>								
.06	6DP-4-603	.55	<b>200V</b>								
.068	6DP-4-683	.55	<b>200V</b>								
.03	16DP-4-303	.70	<b>200V</b>								
.033	16DP-4-333	.70	<b>200V</b>								
.04	16DP-5-403	.75	<b>200V</b>								
.047	16DP-5-473	.80	<b>200V</b>								
.05	16DP-5-503	.80	<b>200V</b>								





# ARCO ELECTRONICS INC.

## ELMENDO CAPACITORS

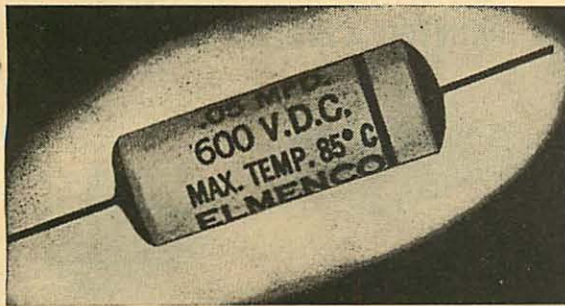
MAIN OFFICE  
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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

# PAPER DIELECTRIC CAPACITORS CP TYPE



### MINERAL OIL IMPREGNATION NON INDUCTIVE WINDING SYNTHETIC RESIN END SEALS — STEATITE CASE

The Steatite tube and baked synthetic resin end-fill provide a seal which rivals that of hermetically sealed construction, resulting in a dependability and longevity previously unequalled. Whether in operation or on the shelf, this paper tubular capacitor will maintain its excellent characteristics for years.

El-Menco CP type paper tubular capacitors are sealed into Steatite Tubes which serve to insulate the capacitor electrically as well as against moisture and heat. The capacitor insert is impregnated with Mineral Oil, thereby assuring long life at 85° C operating conditions. This feature insures successful operation at the high ambient temperatures existing in small, compact enclosures.

The Non-Inductively wound paper and foil units are sealed in the Ceramic Tubes by means of baked Synthetic Resin End Fills which cannot melt at any conceivable operating temperature. The end fills will not dissolve in wax, permitting the capacitors to be potted without damage to the insert. Leads are of tinned copper 2 1/4" long.

#### DIMENSIONS FOR CP TYPE CAPACITORS

	Max. Diameter	Max. Length
CP-1	23/64"	1-1/8"
CP-2	27/64"	1-3/8"
CP-3	31/64"	1-3/8"
CP-4	9/16"	1-5/8"
CP-5	3/4"	2"
CP-6	51/64"	2"

Part numbers can be read as follows: First one or two numbers indicate voltage rating in hundreds of volts. CP indicates type of capacitor. Next number between the dashes indicates case size. Last three digits indicate capacity, the first two being significant figures and the last the decimal multiplier.

Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price	Cap. Mfd.	Part No.	List Price
<b>200VDCW</b>			<b>600VDCW</b>			<b>600VDCW</b>			<b>1000VDCW</b>		
.02	2CP-1-203	\$0.30	.001	6CP-1-102	\$0.30	.075	6CP-5-753	\$0.50	.05	10CP-5-503	\$0.55
.022	2CP-1-223	.30	.0012	6CP-1-122	.30	.082	6CP-5-823	.50	.056	10CP-5-563	.60
.05	2CP-3-503	.35	.0015	6CP-1-152	.30	.1	6CP-5-104	.50	.068	10CP-5-683	.65
.1	2CP-4-104	.45	.002	6CP-1-202	.30	.15	6CP-5-154	.60	.075	10CP-6-753	.65
.15	2CP-4-154	.50	.0022	6CP-1-222	.30	.2	6CP-6-204	.70	.1	10CP-6-104	.70
.2	2CP-5-204	.55	.0025	6CP-1-252	.30	.22	6CP-6-224	.75			
.22	2CP-5-224	.55	.0027	6CP-1-272	.30	.25	6CP-6-254	.75	<b>1600VDCW</b>		
.25	2CP-5-254	.55	.003	6CP-1-302	.30	.33	6CP-7-334	.95	.001	16CP-2-102	.55
.33	2CP-6-334	.65	.0033	6CP-1-332	.30	.47	6CP-7-474	1.25	.0015	16CP-2-152	.55
.47	2CP-6-474	.75	.0039	6CP-1-392	.30	.5	6CP-7-504	1.25	.002	16CP-2-202	.55
.5	2CP-6-504	.75	.004	6CP-1-402	.30				.0022	16CP-2-222	.55
			.0047	6CP-1-472	.30	<b>1000VDCW</b>			.0025	16CP-3-252	.55
			.005	6CP-1-502	.30	.001	10CP-1-102	.40	.003	16CP-3-302	.55
			.0056	6CP-1-562	.30	.0015	10CP-1-152	.40	.0033	16CP-3-332	.55
			.006	6CP-2-602	.30	.002	10CP-1-202	.40	.004	16CP-3-402	.55
			.0068	6CP-2-682	.35	.0022	10CP-1-222	.40	.0047	16CP-3-472	.55
			.0075	6CP-2-752	.35	.0025	10CP-1-252	.40	.005	16CP-3-502	.55
			.008	6CP-2-802	.35	.003	10CP-1-302	.40	.006	16CP-4-602	.55
			.0082	6CP-2-822	.35	.0033	10CP-2-332	.40	.0068	16CP-4-682	.55
			.01	6CP-2-103	.35	.004	10CP-2-402	.40	.007	16CP-4-702	.60
			.012	6CP-2-123	.35	.0047	10CP-2-472	.40	.0075	16CP-4-752	.60
			.015	6CP-2-153	.35	.005	10CP-2-502	.40	.008	16CP-4-802	.60
			.02	6CP-3-203	.35	.006	10CP-2-602	.40	.01	16CP-4-103	.60
			.022	6CP-3-223	.35	.0068	10CP-2-682	.40	.015	16CP-5-153	.65
			.025	6CP-3-253	.40	.0075	10CP-2-752	.40	.02	16CP-5-203	.65
			.03	6CP-4-303	.45	.01	10CP-2-103	.45	.022	16CP-5-223	.65
			.033	6CP-4-333	.45	.015	10CP-3-153	.45	.025	16CP-5-253	.65
			.04	6CP-4-403	.45	.02	10CP-4-203	.45	.03	16CP-5-303	.65
			.047	6CP-4-473	.45	.022	10CP-4-223	.45	.033	16CP-5-333	.65
			.05	6CP-4-503	.45	.025	10CP-4-253	.45	.04	16CP-6-403	.70
			.056	6CP-4-563	.45	.03	10CP-4-303	.45	.047	16CP-6-473	.70
			.06	6CP-5-603	.50	.033	10CP-5-333	.55	.05	16CP-6-503	.70
			.068	6CP-5-683	.50	.04	10CP-5-403	.55			
						.047	10CP-5-473	.55			



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

# TRIMMERS

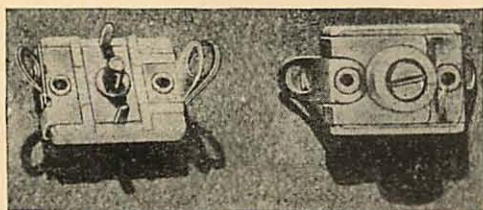
- The base is made of the lowest dielectric loss ceramic material available and the mica is clear India Ruby.

- The soldering lugs may be bent in any position without affecting capacity setting due to the rigid construction of adjusting plates.

- El-Menco Trimming Condensers are treated for resistance to humidity and for permanence of capacity setting.

- Trimmers shown here are standard sizes and capacities.

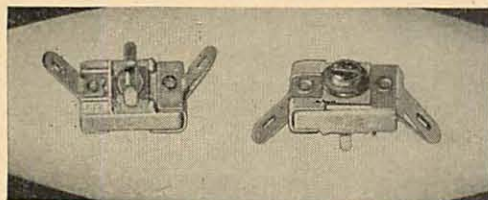
- Voltage 350 VDCT — 175 VDCW.



TYPE 46 STANDARD TRIMMER 3/4" x 5/8"

### TYPE 46—STANDARD TRIMMER

TYPE 46W	NUMBER PART	PLATES NUMBER OF	GUARANTEED RANGE		LIST PRICE
			At Tight Cap. Will Be More Than MMF.	At 3 Turns Open Cap. Will Be Less Than MMF.	
	460	1 1/4 Pl.	15	1.5	\$0.40
	461	1 3/4 Pl.	30	2.7	.40
	462	2 Pl.	80	5	.45
	463	3 Pl.	180	9	.50
	464	4 Pl.	280	25	.55
	465	5 Pl.	380	50	.60
	466	6 Pl.	480	80	.65
	467	7 Pl.	580	110	.75
	468	8 Pl.	680	140	.80
	469	9 Pl.	780	170	.85



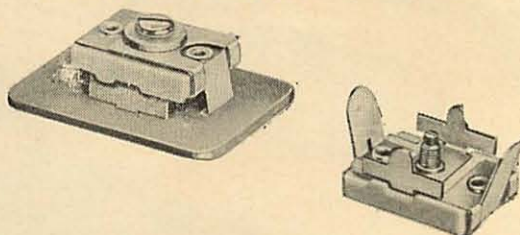
TYPE 40 MINIATURE TRIMMER 3/8" x 9/16"

### TYPE 40—MINIATURE TRIMMER

TYPE 40	NUMBER PART	PLATES NUMBER OF	GUARANTEED RANGE		LIST PRICE
			At Tight Cap. Will Be More Than MMF.	At 3 Turns Open Cap. Will Be Less Than MMF.	
	400	1 1/2 Pl.	7	0.9	\$0.40
	402	2 Pl.	20	1.5	.45
	403	3 Pl.	35	3	.50
	404	4 Pl.	60	8	.55

**Metal Mounting Brackets**  
For These Trimmers Can Be  
Supplied From Stock

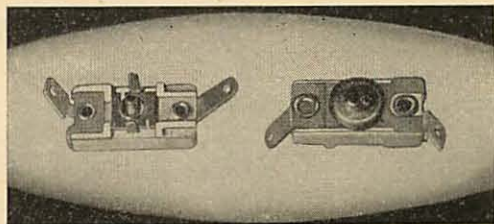
## ANNOUNCING THE NEW PRINTED CIRCUIT TRIMMER



The Elmenco Type 46 trimmer series has been adapted for printed circuit techniques through alteration of terminals and mounting configuration. The holes in the terminal lugs are removed since necessity for hook-up is eliminated. The resulting solid terminals have greatly increased spring action, allowing the trimmer to be "snapped-in" the circuit and firmly held until soldered.

This printed circuit trimmer, available at present only in the Type 46 style, is identified by the prefix letter "PC". All capacitance ranges listed for Type 46 are available, designated as part numbers PC460 through PC468.

For list price add \$0.05 to list price of standard Type 46 trimmer.



TYPE 42 MIDGET TRIMMER 3/8" x 3/4"

### TYPE 42—MIDGET TRIMMER

TYPE 42	NUMBER PART	PLATES NUMBER OF	GUARANTEED RANGE		LIST PRICE
			At Tight Cap. Will Be More Than MMF.	At 3 Turns Open Cap. Will Be Less Than MMF.	
	420	1 1/2 Pl.	12	1	\$0.40
	421	1 3/4 Pl.	25	2	.40
	422	2 Pl.	40	4	.45
	423	3 Pl.	100	7	.50
	424	4 Pl.	150	14	.55
	425	5 Pl.	200	24	.60
	426	6 Pl.	250	37	.65
	427	7 Pl.	300	55	.75
	428	8 Pl.	350	70	.80
	429	9 Pl.	400	90	.85

	LIST PRICE
Bracket for mounting 1 Trimmer	\$0.15
Bracket for mounting 2 Trimmers	.18
Bracket for mounting 3 Trimmers	.21
Bracket for mounting 4 Trimmers	.24
Bracket for mounting 5 Trimmers	.27
Bracket for mounting 6 Trimmers	.30



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

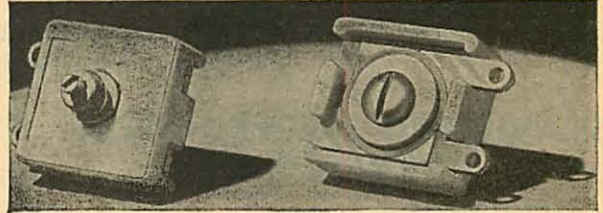
ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### Single and Dual PADDERS

EL-MENCO PADDING CONDENSERS have been acclaimed by engineers as the finest development in adjustable mica condensers.

The construction is such as to completely enclose and protect the delicate edges of the mica films, made of the finest quality clear India ruby mica.

The phosphor bronze adjusting plates assure permanent resilience and freedom from mechanical fatigue. All parts are heavily plated to resist corrosion.

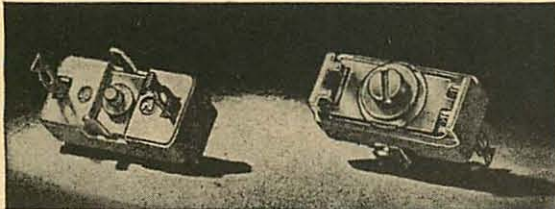


TYPE 30 AND TYPE 30-M PADDER 7/8" x 15/16"

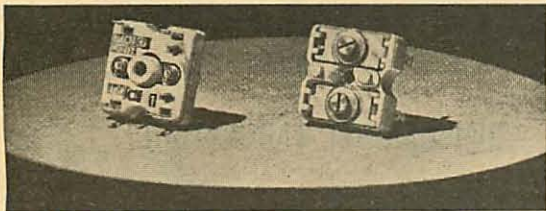
#### TYPE 30 500 Volts DC Flash-Test — 250 WVDC

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE		LIST PRICE
		At 1 1/2 Inch Pounds Cap. Will Be More Than MMF.	At 2 1/2 Turns Open Cap. Will Be Less Than MMF.	
302	2 Pl.	130	15	\$0.80
303	3 Pl.	340	65	.85
304	4 Pl.	550	100	.90
305	5 Pl.	760	190	1.00
306	6 Pl.	970	275	1.10
307	7 Pl.	1180	350	1.20
308	8 Pl.	1390	450	1.25
309	9 Pl.	1600	550	1.35
310	10 Pl.	1890	650	1.45
311	11 Pl.	2110	780	1.55
312	12 Pl.	2330	880	1.65
313	13 Pl.	2605	1150	1.75
314	14 Pl.	2830	1800	1.85
315	15 Pl.	3055	1400	1.95

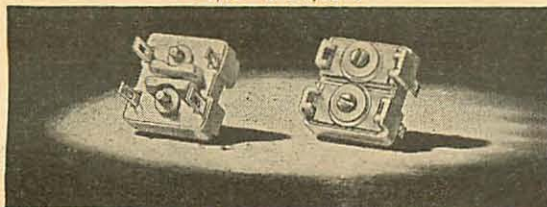
Screw is insulated from top plate by mica washer. Above maximum capacity values are based on using 1 1/2 to 1 3/4 Mil Mica films.



TYPE 58 PADDER 1" x 15/32" 175VDCW



TYPE 50 DUAL PADDER 175VDCW  
(will fit any size shield having dimensions exceeding 1-1/16" x 1-1/16")



TYPE 60 DUAL PADDER 175VDCW  
(will fit any size shield having dimensions exceeding 3/4" x 3/4")

#### TYPE 30-M 1000 Volts DC Flash-Test — 500 Working Volts DC

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE		LIST PRICE
		At 1 1/2 Inch Pounds Cap. Will Be More Than MMF.	At 2 1/2 Turns Open Cap. Will Be Less Than MMF.	
302-M	2 Pl.	120	15	\$0.80
303-M	3 Pl.	320	65	.90
304-M	4 Pl.	500	100	.95
305-M	5 Pl.	690	180	1.05
306-M	6 Pl.	880	265	1.15
307-M	7 Pl.	1070	340	1.25
308-M	8 Pl.	1260	425	1.30
309-M	9 Pl.	1415	525	1.40
310-M	10 Pl.	1600	615	1.50
311-M	11 Pl.	1785	780	1.60
312-M	12 Pl.	1970	800	1.70
313-M	13 Pl.	2155	1000	1.80
314-M	14 Pl.	2340	1100	1.90
315-M	15 Pl.	2525	1200	2.00

Screw is insulated from top plate by mica washer. Above maximum capacity values are based on using 2 to 2 1/4 Mil Mica.

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE		LIST PRICE
		At Tight Cap. Will Be More Than MMF.	At 2 Turns Open Cap. Will Be Less Than MMF.	
582	2 Pl.	80	7.5	\$0.55
583	3 Pl.	160	19	.60
584	4 Pl.	240	50	.65

TYPE 58 Padder is a single variable trimmer section provided with a two-pronged staple mounting for attachment to bracket or chassis. Base is made of lowest loss steatite and the mica is India Ruby.

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE		LIST PRICE
		At Tight Cap. Will Be More Than MMF.	At 2 Turns Open Cap. Will Be Less Than MMF.	
502	2 Pl.	80	7.5	\$0.85
503	3 Pl.	160	19	1.00
504	4 Pl.	240	50	1.15

TYPE 50 Dual Padders provide two variable trimmers mounted on a single base. This unit is designed as a tuning component for I.F. transformers; and as such, may be snap-in mounted along with the transformer coil in any size shield having dimensions exceeding 1 1/4" x 1 1/8".

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE		LIST PRICE
		At Tight Cap. Will Be More Than MMF.	At 2 Turns Open Cap. Will Be Less Than MMF.	
602	2 Pl.	55	7	\$0.80
603	3 Pl.	100	15	.95
604	4 Pl.	160	35	1.10
605	5 Pl.	220	60	1.25

TYPE 60 Dual Padders provide two variable trimmers mounted on a single base. This unit is designed as a tuning component for I.F. transformers; and as such, may be snap-in mounted along with the transformer coil in any size shield having dimensions exceeding 3/4" x 3/4".



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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### ARCO PRECISION CAPACITORS — TOLERANCE $\pm 0.1\%$

HERMETICALLY SEALED IN BATHTUB ENCLOSURES TO MEET THE MOST STRINGENT ENVIRONMENTAL SPECIFICATIONS

#### STABILIZED SIVERED MICA TYPE CPM

**TOLERANCE:**  $\pm 0.1\%$   
**VOLTAGE:** 500VDCW\*  
**POWER FACTOR:** 0.1% max. at 1 kc.  
**TEMP. RANGE:**  $-55$  to  $+125^{\circ}\text{C}$ .  
**TEMP. COEF.:**  $+40 \pm 15$  ppm/ $^{\circ}\text{C}$ .  
**STABILITY:**  $\pm 0.05\%$  at maximum rated operating conditions.

Cap. mfd.	Part Number	Case Size**	List Price
.01	5CPM-103	B	\$23.40
.015	5CPM-153	B	26.40
.02	5CPM-203	B	28.90
.025	5CPM-253	C	31.70
.03	5CPM-303	C	34.40
.033	5CPM-333	C	36.00
.04	5CPM-403	C	39.50
.047	5CPM-473	D	43.30
.05	5CPM-503	D	44.50
.06	5CPM-603	D	49.30
.07	5CPM-703	D	54.20
.08	5CPM-803	D	58.90
.09	5CPM-903	E	63.20
.1	5CPM-104	E	69.40
.15	5CPM-154	E	79.20
.2	5CPM-204	F	87.10
.25	5CPM-254	F	102.00
.3	5CPM-304	G	122.00
.33	5CPM-334	G	132.00
.4	5CPM-404	G	154.00
.47	5CPM-474	G	179.00
.5	5CPM-504	G	190.00

\* 100VDCW to 1.0 mfd.  
300VDCW to .68 mfd.  
1000VDCW to .33 mfd.  
available to special order.

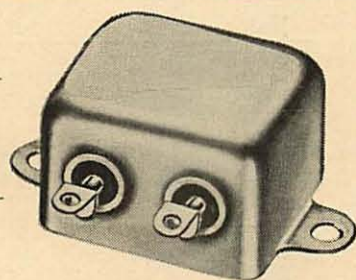
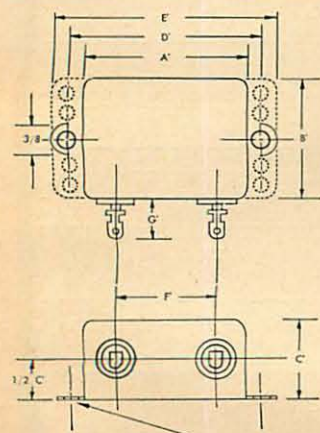
#### STABILIZED POLYSTYRENE TYPE CPP

**TOLERANCE:**  $\pm 0.1\%$   
**VOLTAGE:** 400VDCW\*  
**POWER FACTOR:** 0.02% max. at 1 kc.  
**TEMP. RANGE:**  $-55$  to  $+85^{\circ}\text{C}$ .  
**TEMP. COEF.:**  $-120 \pm 15$  ppm/ $^{\circ}\text{C}$ .  
**DIELECTRIC ABSORPTION:** 0.1% max.  
**INSULATION RESISTANCE:**  $10^{12}$  min.  
**STABILITY:**  $\pm 0.05\%$  at maximum rated operating conditions.

Cap. Mfd.	Part Number	Case Size**	List Price
.05	4CPP-503	B	\$40.50
.06	4CPP-603	B	41.30
.07	4CPP-703	C	42.00
.08	4CPP-803	C	42.70
.09	4CPP-903	C	43.20
.1	4CPP-104	C	43.70
.15	4CPP-154	C	48.00
.2	4CPP-204	D	52.50
.25	4CPP-254	D	55.70
.3	4CPP-304	E	60.60
.33	4CPP-334	E	63.00
.4	4CPP-404	E	68.70
.47	4CPP-474	E	74.30
.5	4CPP-504	E	76.30
.6	4CPP-604	F	82.70
.75	4CPP-754	F	93.10
1.0	4CPP-105	F	119.00
1.5	4CCP-155	G	144.00
2.0	4CPP-205	G	164.00
2.5	4CPP-255	G	184.00

\*600VDCW and 1000VDCW also available on special order.

BOTH TYPES CPM AND CPP MAY BE OBTAINED IN VALUES OTHER THAN LISTED ABOVE UPON REQUEST.



**2 MOUNTING HOLES**

Case B — .120 D  
CASES C-F — 3/16 D  
CASE G — 8 HOLES — 3/16 D  
(See Dotted Lines)

#### DIMENSIONAL TABULATION (Case Size Designation)

**Case Letter	A'	B'	C'	D'	E'	F'	G'
B	1 1/8	1	1 1/16	1 1/16	1 3/4	1/2	3/16
C	1 1/16	1	7/8	2 1/8	2 1/2	3/4	3/16
D	1 3/4	1 1/4	1 1/8	2 1/8	2 1/2	3/4	3/16
E	2	2	1	2 3/8	2 5/16	1	19/32
F	2	2	1 3/4	2 3/8	2 5/16	1	19/32
G	3 1/16	2 7/8	2 1/8	3 5/8	4	1 1/2	19/32



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

MAIN OFFICE  
ARCO ELECTRONICS INC.  
NEW YORK 13, N. Y.

ARCO ELECTRONICS INC.  
CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

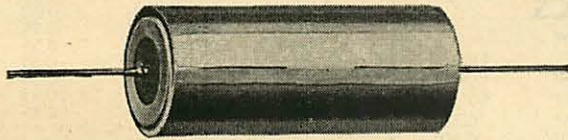
## ARCO POLYSTYRENE DIELECTRIC CAPACITORS

Arco Polystyrene Dielectric Capacitors are designed for use in precision networks, servo systems, analog computer circuits, and a wide variety of applications calling for high stability, high insulation resistance, low dielectric absorption, and low dissipation factor. All units are tested 100% for voltage, tolerance, insulation resistance, and dissipation factor. In addition, all capacitors are subjected to an accelerated life test to guarantee high reliability. Arco polystyrenes are hermetically sealed in non-magnetic enclosures with compression glass seals.

### SPECIFICATIONS

Capacitance range—.002 to 5.0 mfd.  
Voltage ratings—100VDCW thru 1000VDCW  
Temperature range—-55 to +85°C.  
Temperature coefficient— $-120 \pm 15$  ppm/°C.  
Dissipation factor—.02% max. at 25°C.  
0.04% max. at 85°C.  
Dielectric absorption—.01% max.

Insulation resistance—  
100 & 200VDCW— $10^5$  megohm-microfarads minimum  
400VDCW & up— $10^4$  megohm-microfarads minimum  
Stability— $\pm 0.1\%$  maximum drift long term under full rated operating conditions.  
Standard Tolerance  $\pm 5\%$   
(For closer tolerance see notes below)

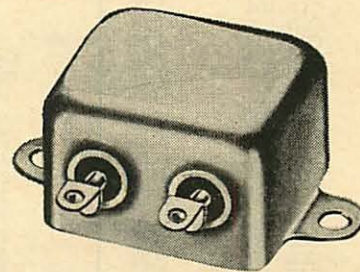


### TYPE PT TUBULARS 100 VDCW

Cap. mfd.	Part Number	Size	List Price
.01	1PT-103	7/8 x .312D	\$4.50
.015	1PT-153	7/8 x .312	4.50
.022	1PT-223	7/8 x .312	4.50
.033	1PT-333	1 x .312	4.60
.047	1PT-473	1 x .400	4.70
.068	1PT-683	1 x .400	4.90
.1	1PT-104	1 1/8 x .400	5.30
.15	1PT-154	1 1/4 x .500	6.00
.22	1PT-224	1 1/4 x .500	7.00
.33	1PT-334	1 1/2 x .562	8.00
.47	1PT-474	1 7/8 x .670	9.00
.68	1PT-684	1 7/8 x .750	12.00
1.0	1PT-105	1 3/4 x 1.00	16.00

### 400 VDCW

Cap. mfd.	Part Number	Size	List Price
.0047	4PT-472	7/8 x .312D	\$4.50
.0068	4PT-682	7/8 x .312	4.50
.01	4PT-103	1 x .312	4.50
.015	4PT-153	1 x .400	4.60
.022	4PT-223	1 x .400	4.70
.033	4PT-333	1 1/8 x .400	5.00
.047	4PT-473	1 1/4 x .500	5.50
.068	4PT-683	1 1/4 x .500	6.00
.1	4PT-104	1 1/2 x .562	7.00
.15	4PT-154	1 3/4 x .670	8.00
.22	4PT-224	1 7/8 x .750	11.00
.33	4PT-334	1 3/4 x 1.00	14.00



### TYPE PB BATHTUBS

Cap. mfd.	Voltage	Part Number	Size	List Price
0.5	400	4PB-504	2 x 2 x 1	\$18.00
0.68	400	4PB-684	2 x 2 x 1 1/4	23.00
1.0	400	4PB-105	2 x 2 x 1 3/4	30.00
1.5	400	4PB-155	3 1/4 x 2 7/8 x 2 1/8	43.00
2.0	400	4PB-205	3 1/4 x 2 7/8 x 2 1/8	55.00
2.5	400	4PB-255	3 1/4 x 2 7/8 x 2 1/8	66.00
3.3	200	4PB-335	3 1/4 x 2 7/8 x 2 1/8	80.00
5.0	200	4PB-505	3 1/4 x 2 7/8 x 2 1/8	110.00

#### NOTES:

Non-standard capacitance values not listed are available on special order. Use next highest list price shown for cost.

Voltage ratings of 200VDCW, 600VDCW, and 1000VDCW available.

Close tolerances:

Type PT tubulars—  
for  $\pm 2\%$  add 30% to list price.  
for  $\pm 1\%$  add 100% to list price.

Type PB bathtubs—  
for  $\pm 2\%$  add 20% to list price.  
for  $\pm 1\%$  add 50% to list price.

TOLERANCE AS LOW AS  $\pm 0.1\%$  AVAILABLE ON SPECIAL ORDER.



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### CERAMIC DISC CAPACITORS

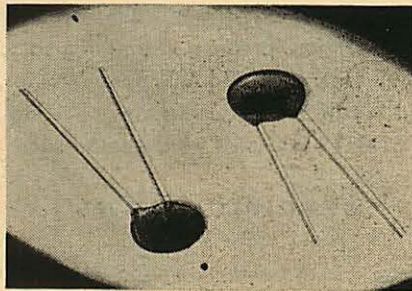
#### GENERAL PURPOSE

(5-470 mmf  $\pm 10\%$  tol.  
470-10000 mmf  $\pm 20\%$   
above 10,000  $+80/-20\%$ )

#### TYPE CCD

1000 VDCW

Cap. mmf.	Part Number	List Price
5	CCD-050	\$0.25
10	CCD-100	0.25
12	CCD-120	0.25
15	CCD-150	0.25
18	CCD-180	0.25
20	CCD-200	0.25
22	CCD-220	0.25
25	CCD-250	0.25
27	CCD-270	0.25
30	CCD-300	0.25
33	CCD-330	0.25
39	CCD-390	0.25
47	CCD-470	0.25
50	CCD-500	0.25
56	CCD-560	0.25
68	CCD-680	0.25
75	CCD-750	0.25
82	CCD-820	0.25
100	CCD-101	0.25
120	CCD-121	0.25
150	CCD-151	0.25
180	CCD-181	0.25
200	CCD-201	0.25
220	CCD-221	0.25
250	CCD-251	0.25
270	CCD-271	0.25
300	CCD-301	0.25
330	CCD-331	0.25
390	CCD-391	0.25
470	CCD-471	0.25
500	CCD-501	0.25
560	CCD-561	0.25
680	CCD-681	0.25
750	CCD-751	0.25
820	CCD-821	0.25
1000	CCD-102	0.25
1200	CCD-122	0.25
1500	CCD-152	0.25
2000	CCD-202	0.25
2200	CCD-222	0.25
2500	CCD-252	0.25
2700	CCD-272	0.25
3000	CCD-302	0.25
3300	CCD-332	0.25
3900	CCD-392	0.25
4700	CCD-472	0.25
5000	CCD-502	0.25
5600	CCD-562	0.30
6800	CCD-682	0.30
8200	CCD-822	0.30
10000	CCD-103	0.30
*12000	CCD-123	0.35
*15000	CCD-153	0.35
*20000	CCD-203	0.40
*30000	CCD-303	0.40
*500VDCW		



#### NEW TEMPERATURE STABLE

See Curve Below

$\pm 10\%$  Tolerance

#### TYPE CCS

1000 VDCW

Cap. mmf.	Part Number	List Price
150	CCS-151	\$0.50
180	CCS-181	0.50
200	CCS-201	0.50
220	CCS-221	0.50
250	CCS-251	0.50
270	CCS-271	0.50
300	CCS-301	0.50
330	CCS-331	0.50
390	CCS-391	0.50
470	CCS-471	0.50
500	CCS-501	0.50
560	CCS-561	0.50
620	CCS-621	0.50
680	CCS-681	0.50
750	CCS-751	0.50
820	CCS-821	0.50
1000	CCS-102	0.50
1200	CCS-122	0.50
1500	CCS-152	0.50
1800	CCS-182	0.50
2000	CCS-202	0.50
2200	CCS-222	0.50
2500	CCS-252	0.50
2700	CCS-272	0.50
3000	CCS-302	0.50
3300	CCS-332	0.60
3900	CCS-392	0.60
4700	CCS-472	0.60

#### TEMPERATURE COMPENSATING

$\pm 10\%$  Tolerance

#### NPO — TYPE CCTO

1000 VDCW

Cap. mmf.	Part Number	List Price
2.2	CCTO-2R2	\$0.50
3.3	CCTO-3R3	0.50
4.7	CCTO-4R7	0.50
5.0	CCTO-050	0.50
6.8	CCTO-6R8	0.50
10	CCTO-100	0.50
12	CCTO-120	0.50
15	CCTO-150	0.50
18	CCTO-180	0.50
20	CCTO-200	0.50
22	CCTO-220	0.50
24	CCTO-240	0.50
27	CCTO-270	0.50
30	CCTO-300	0.50
33	CCTO-330	0.50
36	CCTO-360	0.50
39	CCTO-390	0.50
47	CCTO-470	0.50
51	CCTO-510	0.55
56	CCTO-560	0.55
68	CCTO-680	0.55
75	CCTO-750	0.55
82	CCTO-820	0.55
100	CCTO-101	0.55

#### N750 — TYPE CCTN

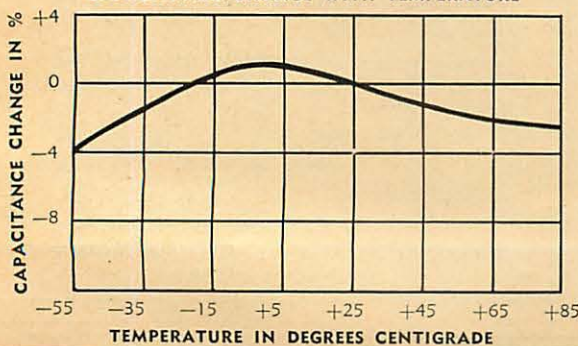
1000 VDCW

Cap. mmf.	Part Number	List Price
5	CCTN-050	\$0.50
10	CCTN-100	0.50
15	CCTN-150	0.50
22	CCTN-220	0.50
27	CCTN-270	0.50
33	CCTN-330	0.50
39	CCTN-390	0.50
47	CCTN-470	0.50
56	CCTN-560	0.50
62	CCTN-620	0.50
68	CCTN-680	0.50
75	CCTN-750	0.50
82	CCTN-820	0.50
100	CCTN-101	0.50
120	CCTN-121	0.50
150	CCTN-151	0.50
200	CCTN-201	0.50
220	CCTN-221	0.50
270	CCTN-271	0.50
300	CCTN-301	0.50

Other temperature coefficient values from N080 to N5600 available on special order.

#### TYPICAL CURVE

CAPACITANCE CHANGE WITH TEMPERATURE



#### CERAMIC DISC SIZE TABULATION

Max. Diam.	Capacitance Range (mmf.)			
	CCD	CCS	CCTO	CCTN
.290	5-1200	150-330	2.2-12	5-27
.406	1500-3000	390-750	15-30	33-68
.570	3300-5000	820-2000	33-68	75-150
.660	5600-6800	2200-3000	75-82	200-220
.800	8200-30000	3300-4700	100	270

Maximum Thickness— $5/32$ "  
Lead Spacing— $1/4$  for .290 & .406 discs  
 $3/8$  for .570 and larger



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### ARCO CM-15 MINIATURE MICA CAPACITOR KIT #1

FOR EXPERIMENTAL WORK



THESE MINIATURES FIT INTO THE SMALLEST AREA CAPACITOR SIZE (9/32" x 1/2" x 3/16")

**SPECIAL KIT LIST PRICE**

ONLY **\$90<sup>00</sup>**

**DON'T GET CAUGHT SHORT!**

**ALWAYS HAVE THE CORRECT CAPACITY ON HAND!**

This Handy Kit consists of 46 most commonly used Capacitors . . . five of each capacity as listed on page P-991 packed in individual tuck boxes, properly identified for permanent use.

The complete set of capacitors amounts to \$111.50 at list prices. You get the entire set for *only* \$90.00.

**COMPARE THE COST!**



### ARCO SILVERED MICA KIT #3

**SPECIAL KIT LIST PRICE**  
**\$325**

Purchased individually the total list price value of the capacitors contained in this kit would be . . . **\$385**

This kit contains the complete range of ELMENCO silvered molded mica capacitors from 5 mmf. to 10,000 mmf. manufactured in accordance with MIL-C-5 specifications. All units are of letters "C", "D" or "E" characteristics as specified and letter "J" (5%) tolerance and are MIL color coded.

MIL-C-5

**SPECIAL KIT LIST PRICE**

**\$140**

Purchased individually the total list price value of the capacitors contained in this kit would be . . . **\$158<sup>40</sup>**

#### THESE KITS CONTAIN FIVE EACH OF THE FOLLOWING ELMENCO MICA CAPACITORS (500 V D C W)

CM20 Cap. mmf.	CM20 Cap. mmf.	CM20 Cap. mmf.	CM20 Cap. mmf.	CM30 Cap. mmf.	CM35 Cap. mmf.
5	39	120	390	1100	3600
10	43	130	430	1200	3900
12	47	150	470	1300	4300
15	51	160	510	1500	4700
18	56	180	560	1600	5100
20	62	200	620	1800	5600
22	68	220	680	2000	6200
24	75	240	750	2200	6800*
27	82	270	820	2400	7500*
30	91	300	910	2700	8200*
33	100	330	1000	3000	9100*
36	110	360		3300	10000*

\*300VDCW

PER MIL-C-5 SPECIFICATIONS



### ARCO REG. FOIL MICA KIT #2

This kit contains the complete range of ELMENCO regular foil molded mica capacitors from 5 mmf. to 10,000 mmf. manufactured in accordance with MIL-C-5 specifications. All units are of the letter "B" characteristics and letter "K" (10%) tolerance and are MIL color coded.

MIL-C-5



# ARCO ELECTRONICS INC.

## ELMenco CAPACITORS

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ARCO ELECTRONICS INC.  
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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

FOR: ENGINEERING LABS • GOVERNMENTAL AGENCIES • EXPERIMENTAL LABS  
SCHOOLS, ETC.

DUR-MICA the silvered mica capacitor coated with a specially developed plastic coating for extra durability... provides maximum protection at environmental extremes of moisture and temperature.



### ARCO DM-15 KIT #10

This handy kit consists of five of each DM-15 capacity as listed. All are 500 VDCW and  $\pm 5\%$  tolerance...packed in individual transparent plastic snap boxes, properly identified for ease of handling.

SPECIAL  
KIT LIST PRICE **\$95.00**

Purchased individually the total list price value of the capacitors contained in this kit would be — **\$103.31**

CAP. MMF.	TYPE DESIGNATION	CAP. MMF.	TYPE DESIGNATION
1	DM-15-010†	91	DM-15-910
2	DM-15-020†	100	DM-15-101
3	DM-15-030†	110	DM-15-111
5	DM-15-050†	120	DM-15-121
10	DM-15-100	130	DM-15-131
12	DM-15-120	150	DM-15-151
15	DM-15-150	160	DM-15-161
18	DM-15-180	180	DM-15-181
20	DM-15-200	200	DM-15-201
22	DM-15-220	220	DM-15-221
24	DM-15-240	240	DM-15-241
27	DM-15-270	250	DM-15-251
30	DM-15-300	270	DM-15-271
33	DM-15-330	300	DM-15-301
36	DM-15-360	330	DM-15-331
39	DM-15-390	360	DM-15-361
43	DM-15-430	390	DM-15-391
47	DM-15-470	430*	DM-15-431
50	DM-15-500	470*	DM-15-471
51	DM-15-510	500*	DM-15-501
56	DM-15-560	510*	DM-15-511
62	DM-15-620	560*	DM-15-561
68	DM-15-680	620*	DM-15-621
75	DM-15-750	680*	DM-15-681
82	DM-15-820	750*	DM-15-751
		820*	DM-15-821

\* All capacitors marked with \* are 300VV.  
† Minimum tolerance  $\pm 0.5$  mmf.



### ARCO DUR-MICA KIT #11

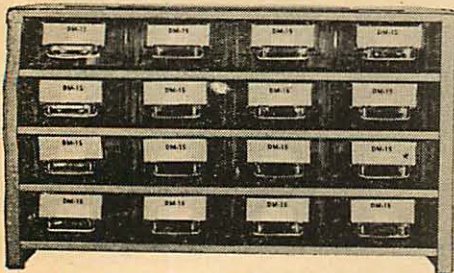
This Kit contains five each of the following listed DUR-MICA capacitors, all 500 VDCW and  $\pm 5\%$  tolerance; or  $\pm 0.5$  mmf., whichever is greater. Packed in individual transparent plastic snap boxes, properly identified for ease of handling.

SPECIAL  
KIT LIST PRICE **\$250.00**

Purchased individually the total list price value of the capacitors contained in this kit would be — **\$286.35**

CAP. MMF.	TYPE DESIGNATION	CAP. MMF.	TYPE DESIGNATION
2	DM15-020M	360	DM19-361J
5	DM15-050K	390	DM19-391J
10	DM15-100J	430	DM19-431J
12	DM15-120J	470	DM19-471J
15	DM15-150J	510	DM19-511J
18	DM15-180J	560	DM19-561J
20	DM15-200J	620	DM19-621J
22	DM15-220J	680	DM20-681J
24	DM15-240J	750	DM20-751J
27	DM15-270J	820	DM20-821J
30	DM15-300J	910	DM20-911J
33	DM15-330J	1000	DM20-102J
36	DM15-360J	1100	DM20-112J
39	DM15-390J	1200	DM20-122J
43	DM15-430J	1300	DM20-132J
47	DM15-470J	1500	DM20-152J
51	DM15-510J	1600	DM20-162J
56	DM15-560J	1800	DM20-182J
62	DM15-620J	2000	DM20-202J
68	DM15-680J	2200	DM20-222J
75	DM15-750J	2400	DM20-242J
82	DM15-820J	2700	DM20-272J
91	DM15-910J	3000	DM20-302J
100	DM15-101J	3300	DM20-332J
110	DM15-111J	3600	DM20-362J
120	DM15-121J	3900	DM20-392J
130	DM15-131J	4300	DM20-432J
150	DM15-151J	4700	DM30-472J
160	DM19-161J	5100	DM30-512J
180	DM19-181J	5600	DM30-562J
200	DM19-201J	6200	DM30-622J
220	DM19-221J	6800	DM30-682J
240	DM19-241J	7500	DM30-752J
270	DM19-271J	8200	DM30-822J
300	DM19-301J	9100	DM30-912J
330	DM19-331J	10000	DM30-103J

### ARCO MINIATURE DM-15 CAPACITOR STOCK PACKAGE



SPECIAL  
KIT LIST PRICE  
**\$596**

Distinctive Steel Cabinet With Plastic Pull-Out Drawers Supplied FREE With DM-15 Package.

Purchased individually the total list price value of the capacitors contained in this package would be — **\$715**

A complete stock of DM-15 capacitors (fifty-one items) totaling 2100 capacitors; fifty each of the most used values and 25 each of the others. Capacity range is 1-820 mmf., tolerance  $\pm 5\%$  or  $\pm 0.5$  mmf., whichever is greater.





# ARCO ELECTRONICS INC.

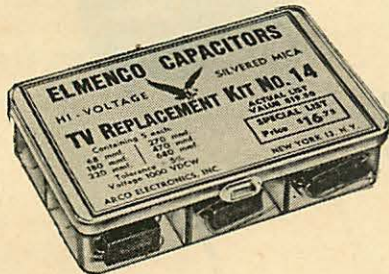
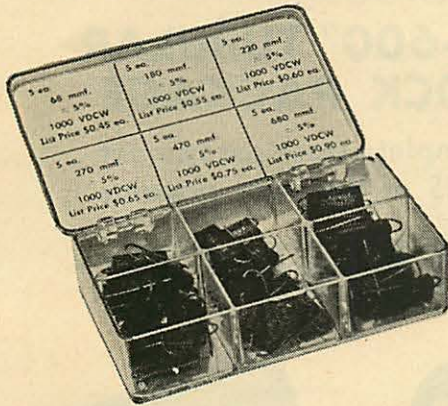
## ELMENCO CAPACITORS

MAIN OFFICE  
ARCO ELECTRONICS INC.  
NEW YORK 13, N. Y.

ARCO ELECTRONICS INC.  
CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA



### ARCO TV HI-VOLTAGE REPLACEMENT KIT #14

(For Resale To Service Dealers)

Actual List Value  
\$19.50

SPECIAL LIST PRICE

**\$16<sup>75</sup>**

CONTAINS 5 EACH OF:

68 mmf. 270 mmf.  
180 mmf. 470 mmf.  
220 mmf. 680 mmf.

AVAILABLE FOR THE FIRST TIME!

An Assortment Of The Most Popular

## ELMENCO HI-VOLTAGE SILVERED MICA CAPACITORS

MICA CAPACITORS

USED IN ALL TV CIRCUITS

- ALL SILVERED MICA • ALL 1000 WORKING VOLTS
- ALL  $\pm 5\%$  TOLERANCE • ALL CAPACITIES, TOLERANCES AND VOLTAGES IMPRINTED ON EACH UNIT
- HANDY COMPACT PLASTIC CONTAINER



A complete stock of HI-VOLTAGE capacitors (forty-nine items) totaling 1180 capacitors; 40 each of the most used values and 20 each of the others. Capacity range:— 5 mmf to 56 mmf 1500 VDCW, 62 mmf to 1000 mmf 1000 VDCW.

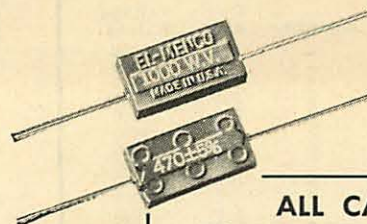
- ALL SILVERED MICA
- ALL 5% TOLERANCE
- ALL HI-VOLTAGE CAPACITORS
- FULL 20 DRAWER COMPACT STEEL CABINET FREE!

### ARCO TV REPLACEMENT "HI-VOLT" Stock Package

A complete distributor stock assortment of the most popular

## ELMENCO HI-VOLTAGE SILVERED MICA CAPACITORS

USED IN ALL TV CIRCUITS



SPECIAL LIST PRICE  
**\$575.00**

Purchased individually the total list price would be **\$689.90**

ALL CAPACITIES TOLERANCES & VOLTAGES IMPRINTED ON EACH UNIT



# ARCO ELECTRONICS INC.

## ELMENCO CAPACITORS

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ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### "TV-1000" HI-VOLTAGE STOCK PACKAGE

(For Resale To Service Dealers)

A complete stock assortment of 101 of the most popular

## ELMENCO SILVERED MICA HI-VOLTAGE CAPACITORS

USED IN ALL TV CIRCUITS

All  $\pm 5\%$  Tolerance

List Price \$63<sup>00</sup>



CAPACITIES  
TOLERANCES  
& VOLTAGES  
IMPRINTED ON  
EACH UNIT

### FREE! THIS HANDY 8 DRAWER STURDY METAL CABINET

GIVEN FREE WITH EVERY "TV-1000" HI-VOLTAGE STOCK PACKAGE ORDER



FREE Cabinet  
\$4.95 VALUE

#### CONTENTS

Quantity	Cap. mmf.	Voltage Rating	Quantity	Cap. mmf.	Voltage Rating
3	5	1500	3	150	1000
3	10	1500	4	180	1000
3	15	1500	4	220	1000
3	20	1500	3	250	1000
3	22	1500	4	270	1000
3	27	1500	3	300	1000
3	30	1500	4	330	1000
3	33	1500	3	360	1000
3	39	1500	3	390	1000
3	47	1500	4	470	1000
3	50	1500	3	510	1000
4	56	1500	3	560	1000
4	68	1000	4	680	1000
4	82	1000	4	820	1000
2	91	1000	3	1000	1000
3	100	1000			
2	120	1000			

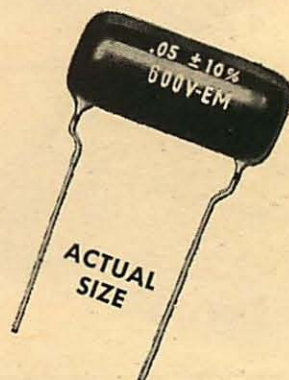
### "DP-600" TUBULAR STOCK PACKAGE

A complete stock assortment of 125 of the most popular

## ELMENCO



MYLAR\*-PAPER CAPACITORS

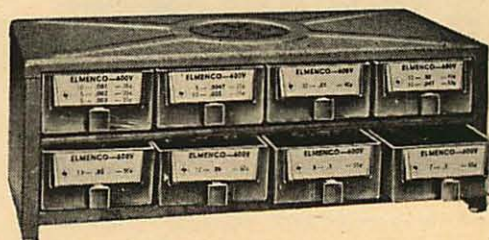


LIST PRICE \$54.00

### FREE! THIS HANDY 8 DRAWER

STURDY METAL CABINET

Given FREE with every Stock Package Order.



\$4.95 VALUE

#### CONTENTS

10	.001	30	.01
5	.002	10	.02
5	.003	10	.047
5	.0047	25	.05
10	.005	15	.1

ALL  $\pm 10\%$  TOLERANCE

A TOTAL OF 125 ASSORTED 600 VOLT ELMENCO DP MYLAR\*-PAPER CAPACITORS.

\* Du Pont Trademark



# ARCO ELECTRONICS INC.

## ELMenco CAPACITORS

MAIN OFFICE  
ARCO ELECTRONICS INC.  
NEW YORK 13, N. Y.

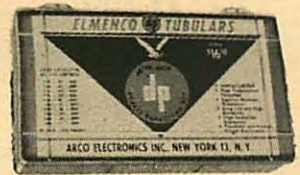
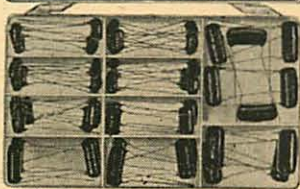
ARCO ELECTRONICS INC.  
CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### FOR RESALE TO SERVICE DEALERS

4 ea. - .001 - 600V L.P. Price - \$1.00	3 ea. - .002 - 600V L.P. Price - \$1.00	4 ea. - .05 - 600V L.P. Price - \$1.00
1 ea. - .003 - 600V L.P. Price - \$1.00	4 ea. - .005 - 600V L.P. Price - \$1.00	
6 ea. - .01 - 600V L.P. Price - \$1.00	3 ea. - .01 - 600V L.P. Price - \$1.00	4 ea. - .1 - 600V L.P. Price - \$1.00
3 ea. - .02 - 600V L.P. Price - \$1.00	3 ea. - .02 - 600V L.P. Price - \$1.00	



MYLAR\*-PAPER  
BY-PASS  
CAPACITOR  
KIT #15

A Revolutionary low cost quality capacitor that can be installed with complete confidence.

#### FEATURES

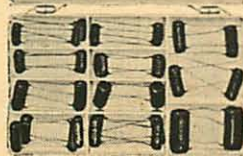
- MINIATURIZED (50% smaller)
- High Temperature Operation
- Superior Moisture Resistance
- Long Life and High Reliability
- High Insulation Resistance
- All Values  $\pm 10\%$  Tolerance
- Transistor & Printed Circuit Application

LIST PRICE **\$16<sup>50</sup>**

#### ARCO KIT #15 CONTENTS

4 each - .001 - 600V	3 each - .02 - 600V
3 each - .002 - 600V	3 each - .03 - 600V
3 each - .003 - 600V	3 each - .047 - 600V
4 each - .005 - 600V	6 each - .05 - 600V
6 each - .01 - 600V	4 each - .1 - 600V

1 ea. - .001 - 1600V L.P. Price - \$1.00	2 ea. - .002 - 1600V L.P. Price - \$1.00	1 ea. - .003 - 1600V L.P. Price - \$1.00
2 ea. - .003 - 1600V L.P. Price - \$1.00	2 ea. - .005 - 1600V L.P. Price - \$1.00	1 ea. - .007 - 1600V L.P. Price - \$1.00
2 ea. - .008 - 1600V L.P. Price - \$1.00	2 ea. - .01 - 1600V L.P. Price - \$1.00	2 ea. - .02 - 1600V L.P. Price - \$1.00
2 ea. - .025 - 1600V L.P. Price - \$1.00	2 ea. - .05 - 1600V L.P. Price - \$1.00	2 ea. - .1 - 1600V L.P. Price - \$1.00



MYLAR\*-PAPER  
**BUFFER**

#### CAPACITOR KIT #16

GUARANTEED AGAINST 3200 VOLTS SURGE IN ALL AUTO RADIO APPLICATIONS.

#### MINIATURIZED

- 50% Smaller Than Other Brands
- All Values  $\pm 10\%$  Tolerance
- High Temperature Operation
- Superior Moisture Resistance
- Long Life and High Reliability
- High Insulation Resistance

LIST PRICE **\$16<sup>35</sup>**

#### CONTENTS

3 ea. - .001 - 1600V	4 ea. - .007 - 1600V
2 ea. - .002 - 1600V	4 ea. - .008 - 1600V
2 ea. - .003 - 1600V	2 ea. - .01 - 1600V
2 ea. - .005 - 1600V	2 ea. - .02 - 1600V
4 ea. - .006 - 1600V	2 ea. - .05 - 1600V

ALL VALUES  $\pm 10\%$  TOLERANCE

\* Du Pont Trademark

### ARCO BY-PASS CAPACITOR KIT #9

3 ea. - .01 - 600V L.P. Price - \$1.00	4 ea. - .01 - 600V L.P. Price - \$1.00	3 ea. - .01 - 600V L.P. Price - \$1.00	4 ea. - .01 - 600V L.P. Price - \$1.00
2 ea. - .01 - 600V L.P. Price - \$1.00	2 ea. - .01 - 600V L.P. Price - \$1.00	2 ea. - .01 - 600V L.P. Price - \$1.00	2 ea. - .01 - 600V L.P. Price - \$1.00



A low cost, practical assortment of fast moving sizes for service replacement!

LIST PRICE

**\$14<sup>50</sup>**

CP-Type

Mineral Oil Impregnation  
Non Inductive Winding  
Synthetic Resin  
End Seals  
Steatite Case



#### CONTENTS

4 ea. - .001 - 600V	3 ea. - .02 - 600V
3 ea. - .002 - 600V	3 ea. - .03 - 600V
3 ea. - .003 - 600V	3 ea. - .047 - 600V
4 ea. - .005 - 600V	6 ea. - .05 - 600V
6 ea. - .01 - 600V	4 ea. - .1 - 600V

### ARCO STANDARD PAPER TUBULAR CAPACITOR KIT #7



CP-Type

SPECIAL KIT LIST PRICE

**\$45<sup>00</sup>**

Purchased individually the total list price value of the capacitors would be - \$47<sup>50</sup>

This Kit contains 5 EACH of the following PAPER TUBULAR CAPACITOR SIZES

PART NUMBER	CAPACITY MFD.	WORKING VOLTAGE
6CP-1-102	.001	600
6CP-1-152	.0015	600
6CP-1-202	.002	600
6CP-1-222	.0022	600
6CP-1-252	.0025	600
6CP-1-302	.003	600
6CP-1-332	.0033	600
6CP-1-402	.004	600
6CP-1-472	.0047	600
6CP-1-502	.005	600
6CP-2-602	.006	600
6CP-2-682	.0068	600
6CP-2-752	.0075	600
6CP-2-103	.01	600
6CP-2-153	.015	600
6CP-3-203	.02	600
6CP-3-223	.022	600
6CP-4-303	.03	600
6CP-4-333	.033	600
6CP-4-403	.04	600
6CP-4-473	.047	600
6CP-4-503	.05	600
6CP-5-104	.1	600
4CP-6-254	.25	400
2CP-6-504	.5	200



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## ELMENCO CAPACITORS

MAIN OFFICE  
ARCO ELECTRONICS INC.  
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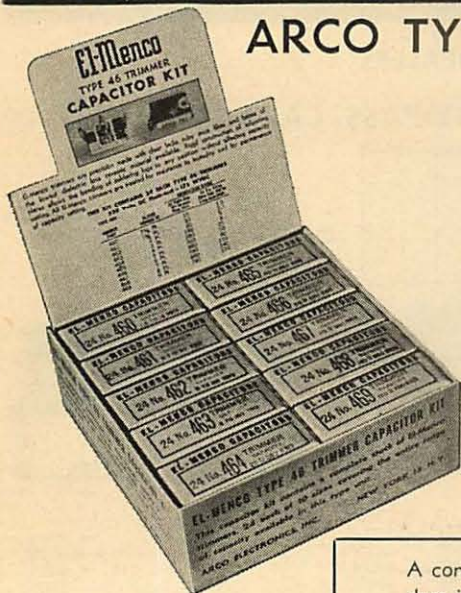
ARCO ELECTRONICS INC.  
CHICAGO 5, ILLINOIS

ARCO ELECTRONICS INC.  
DALLAS 19, TEXAS

ARCO CAPACITORS INC.  
LOS ANGELES 35, CALIFORNIA

### ARCO TYPE 46 TRIMMER KIT #5

This Kit Contains 24 of Each Trimmer Listed Below



TYPE 46W	PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE	
			At Tight Cap. Will Be More Than MMF.	At A Turns Open Cap. Will Be Less Than MMF.
460	1 1/4 Pl.	15	15	1.5
461	1 3/4 Pl.	30	30	2.7
462	2 Pl.	80	80	5
463	3 Pl.	180	180	9
464	4 Pl.	280	280	25
465	5 Pl.	380	380	50
466	6 Pl.	480	480	80
467	7 Pl.	580	580	110
468	8 Pl.	680	680	140
469	9 Pl.	780	780	170

The total list price for all units included in the kit is \$142.80.

Yet you may have this complete kit for only

SPECIAL KIT LIST PRICE

**\$120<sup>00</sup>**

A complete stock of trimmers and padders is provided in these compact, easily handled, and readily accessible kits. Always have a full line of El-Menco trimmers and padders available for immediate use.

### ARCO TYPE 30 PADDER KIT #6

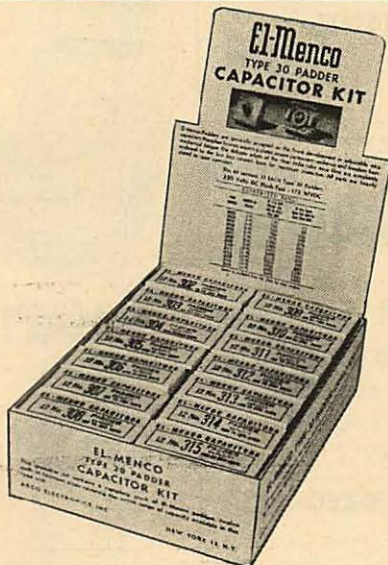
This Kit Contains 12 Each of Padders Listed Below

The total list price for all units included in the kit is \$223.80.

Yet you may have this complete kit for only

SPECIAL KIT LIST PRICE

**\$195<sup>00</sup>**



### ARCO TYPE 30M PADDER KIT #6M

This Kit Contains 12 Each of Padders Listed Below

The total list price for all units included in the kit is \$231.60.

Yet you may have this complete kit for only

SPECIAL KIT LIST PRICE

**\$200<sup>00</sup>**

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE	
		At 1 1/2 Inch Pounds Cap. Will Be More Than MMF.	At 2 1/2 Turns Open Cap. Will Be Less Than MMF.
302	2 Pl.	130	15
303	3 Pl.	340	65
304	4 Pl.	550	100
305	5 Pl.	760	190
306	6 Pl.	970	275
307	7 Pl.	1180	350
308	8 Pl.	1390	450
309	9 Pl.	1600	550
310	10 Pl.	1890	650
311	11 Pl.	2110	780
312	12 Pl.	2330	880
313	13 Pl.	2605	1150
314	14 Pl.	2830	1300
315	15 Pl.	3055	1400

PART NUMBER	NUMBER OF PLATES	GUARANTEED RANGE	
		At 1 1/2 Inch Pounds Cap. Will Be More Than MMF.	At 2 1/2 Turns Open Cap. Will Be Less Than MMF.
302-M	2 Pl.	120	15
303-M	3 Pl.	320	65
304-M	4 Pl.	500	100
305-M	5 Pl.	690	180
306-M	6 Pl.	880	265
307-M	7 Pl.	1070	340
308-M	8 Pl.	1260	425
309-M	9 Pl.	1415	525
310-M	10 Pl.	1600	615
311-M	11 Pl.	1785	730
312-M	12 Pl.	1970	800
313-M	13 Pl.	2155	1000
314-M	14 Pl.	2340	1100
315-M	15 Pl.	2525	1200