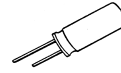


# CAPACITORS

## RADIAL (PC) LEAD ALUMINUM ELECTROLYTIC CAPS 85 °C 20% tolerance



**QUANTITY DISCOUNTS** apply on most capacitors. Breaks usually occur on quantities of 10, 25, 50 & 100 pieces. Call ACK for latest pricing!

Volts	Capacitance (mF)
10v	330, 470, 1000, 1200, 2200, 3300, 6800 mF
16v	10, 22, 33, 47, 100, 220, 470, 1000, 2200, 3300, 4700 mF
25v	2R2, 4R7, 10, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000, 2200, 3300, 4700 mF
35v	4R7, 10, 15, 22, 33, 47, 100, 150, 220, 330, 470, 1000, 2200, 3300, 10,000 mF
50v	1, 2R2, 3R3, 4R7, 10, 22, 33, 47, 68, 100, 220, 330, 470, 680, 1000, 2200, 3300, 4700, 6800, 8200 mF
63v	1, 2R2, 3R3, 4R7, 6R8, 10, 22, 33, 47, 100, 150, 220, 470, 1000, 4700, 6800 mF
160v	1, 2R2, 3R3, 4R7, 10, 15, 22, 33, 47, 100, 220, 330, 470 mF
200v	100, 330, 470 mF
250v	2R2, 4R7, 10, 22, 33, 47, 100, 220, 470 mF
450v	1, 10, 15, 22, 47, 100, 150 mF

**TO ORDER:** The part # for any of the above is the voltage, followed by "RA" (for radial), followed by the capacitance. **EXAMPLE:** A 50 volt, 10 mF radial cap would be ordered as a 50RA10.



www.nacc-mallory.com

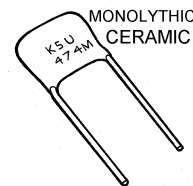
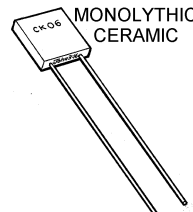
## AXIAL LEAD ALUMINUM ELECTROLYTIC CAPS 85 °C -20%, +80% tolerance

voltage	micro-farads (µF)
25v	1, 2R2, 3R3, 4R7, 6R8, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 1000, 1500, 2200, 3300, 4700, 6800, 10,000 µF
50v	1, 2R2, 3R3, 4R7, 6R8, 10, 15, 22, 33, 47, 68, 100, 220, 330, 470, 1000, 1500, 2200, 3300, 4700, 6800, 8000 µF
100v	1, 2R2, 3R3, 4R7, 6R8, 10, 15, 22, 33, 47, 100, 220, 330, 1000 µF
160v	1, 2R2, 3R3, 4R7, 10, 15, 22, 33, 47, 68, 100, 150, 220, 330, 470, 1000 µF
250v	1, 3R3, 4R7, 10, 15, 33, 47, 100, 220,
350v	1, 2R2, 10, 22, 33, 100, 150 µF
450v	1, 2R2, 3R3, 4R7, 8, 10, 22, 33, 47, 80, 100, 150, 220 µF
500v	5, 10, 22, 33, 40, 80, 100 µF

**TO ORDER** The part # for any of the above is the voltage, followed by "AX", followed by the capacitance. For example, a 50v, 1µF axial capacitor would be order as "50AX1"

## CERAMIC DISC CAPACITORS 1000 DCV 85 °C 10% & 20% tolerance led for non-critical RF coupling, bypass, and filter applications. (Not temperature stable)

pF	PART #	pF	PART #	pF/mF	PART #	mF	PART #
3.3 pf	DD-3R3	91 pf	DD-910	910 pf	DD-911	.01 mf 1KV	DD-103
5	DD-050	100	DD-101	0.001 mf	DD-102	.01 1.4KV	DI-103
6	DD-060	120	DD-121	0.0012	DD-122	.02 600V	DD-203
6.8	DD-6R8	130	DD-131	0.0013	DD-132	.03 600V	DD-303
7.5	DD-7R5	150	DD-151	0.0015	DD-152	0.04 600V	DD-403
8	DD-080	180	DD-181	0.0016	DD-162	.05 100V	TGS50 SPR
10	DD-100	200	DD-201	0.0018	DD-182	.05 600V	DD-503
12	DD-120	220	DD-221	0.002	DD-202	.05 1KV	10HKS50 SPR
15	DD-150	240	DD-241	0.0022	DD-222	.1 16V	UK16-104
18	DD-180	250	DD-251	0.0025	DD-252	.1 50V	LE104M MAL
20	DD-200	270	DD-271	0.0027	DD-272	.1 100V	TGP10 SPR
22	DD-220	300	DD-301	0.003	DD-302	.1 500V	5HKP10 SPR
24	DD-240	330	DD-331	0.0033	DD-332		
25	DD-250	350	DD-351	0.0039	DD-392		
27	DD-270	360	DD-361	0.004	DD-402		
30	DD-300	390	DD-391	0.0043	DD-432		
33	DD-330	400	DD-401	0.0047	DD-472		
39	DD-390	470	DD-471	0.005	DD-502		
47	DD-470	500	DD-501	0.0056	DD-562		
50	DD-500	510	DD-511	0.0075	DD-752		
51	DD-510	560	DD-561	0.0082	DD-822		
56	DD-560	600	DD-601	.01 25V	UK25-103		
68	DD-680	680	DD-681	.01 50V	GE103Z MAL		
75	DD-750	750	DD-751	.01 100V	TGS10 SPR		
82	DD-820	820	DD-821	.01 150V	DDM-103		



## MONOLITHIC CERAMIC CAPS 125 °C 10% tolerance small size MIL-SPEC General purpose filtering, bypass, coupling.

	200vdc	100vdc	50vdc
10 pf	CK05BX100K	-	-
18 pf	CK05BX180K	-	-
27 pf	CK05BX270K	-	-
100 pf	CK05BX101K	-	-
150 pf	CK05BX151K	-	-
220 pf	CK05BX221K	-	-
330 pf	CK05BX331K	-	-
470 pf	CK05BX471K	-	-
1000 pf	CK05BX102K	-	-
2200 pf	*CK06BX222	CK05BX222K	-
3300 pf	*CK06BX332	CK05BX332K	-
4700 pf	*CK06BX472	CK05BX472K	-
.01 mf	*CK06BX103	CK05BX103K	-
.022 mf	-	-	CK05BX223K
.047 mf	-	*CK06BX473	CK05BX473K
.1 mf	-	CK06BX104K	CK05BX104K
.15 mf	-	-	CK06BX154K
.33 mf	-	-	CK06BX334K
.47 mf	-	-	CK06BX474K

\*special order.

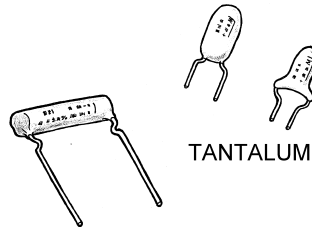
## CERAMIC DISC CAPACITORS (HIGH VOLTAGES)

	3000vdc	6000vdc
22 pf	30GAQ22 SPR	N/A
.001 mf	DD30-102 CEN	DD60-102 CEN
.0047 mf	DD30-472 CEN	N/A
.01 mf	DD30-103 CEN	N/A

800-338-4218 ACK Birmingham 205-322-0588

# CAPACITORS

DIPPED MYLAR (POLYESTER) FILM/FOIL CAPS RADIAL (PC) LEADS ("orange drop") •85° C •10% tolerance • non-polarized							
uF	100vdc	200vdc	400vdc	600vdc	1000vdc	1600vdc	2000vdc
0.001	1FTD10	-	-	6PSD1	10PSD1	*PVC1621	PVC2X21
0.0012	-	-	-	6PSD12	-	-	-
0.0015	-	-	-	6PSD15	-	*PVC16215	-
0.0018	-	-	-	6PSD18	-	-	-
0.0022	1FTD22	-	-	6PSD22	10PSD22	PVC16222	-
0.0025	-	-	-	6PSD25	-	*PVC16227	-
0.0033	1FTD33	-	-	6PSD33	10PSD3	*PVC16233	-
0.0039	-	-	-	6PSD39	-	*PVC1624	-
0.0047	1FTD47	2RAD47	-	PVC6247	-	*PVC16247	-
0.0056	-	-	-	6PSD56	10PSD5	-	PVC2X256
0.006	-	-	-	6PSD6	-	*PVC1626	-
0.0068	-	-	-	6PSD68	-	*PVC16268	*PVC2X268
0.0075	-	-	-	6PSD75	-	*PVC16275	-
0.008	-	-	-	6RAD8	-	*PVC1628	-
0.01	1FTS1	*PVC211	PVC411	PVC611	PVC10010	PVC1611	-
0.015	1FTS15	PVC2115	-	PVC6115	-	PVC16115	-
0.02	-	PVC212	PVC412	6PSS2	-	PVC1612	-
0.022	1FTS22	PVC2122	-	PVC6122	-	*PVC16122	-
0.027	1FTS27	-	-	PVC6127	-	-	-
0.033	1FTS33	*PVC2133	-	PVC6133	-	PVC16133	-
0.039	1FTS39	-	-	PVC6139	-	16PSS4	-
0.047	1FTS47	PVC2147	PVC4147	PVC6147	10PSS47	16PSS47	-
0.05	-	*PVC215	PVC415	PVC615	-	PVC1615	-
0.056	1FTS56	-	-	PVC6156	-	-	-
0.068	1FTS68	-	-	PVC6168	-	-	-
0.075	-	-	-	6PSS75	-	-	-
0.082	1FTS82	-	-	PVC6182	-	-	-
0.1	1FTP1	PVC201	PVC401	PVC601	10PSP1	16PSP1	20AXP1
0.15	1FTP15	PVC2015	4RAP15	PVC6015	-	-	-
0.22	1FTP22	PVC2022	PVC4022	PVC6022	10PSP22	-	-
0.25	-	PVC2025	*PVC4025	PVC6025	-	-	-
0.33	1FTP33	PVC2033	4RAP33	PVC6033	-	-	-
0.47	1FTP47	PVC2047	*PVC4047	6PSP47	-	-	-
0.5	-	PVC205	-	-	-	-	-
0.68	1FTP68	*SPECIAL ORDER ITEM					



ORANGE DROP

TANTALUM



www.nacc-mallory.com

DID YOU KNOW...? "Capacitor" is from a Latin word that means "to hold." A capacitor has the capacity to "hold" or store a charge.

SOLID TANTALUM CAPS 125° C Temp. Stable 20% tolerance Small size						
mf	15v	20v	25v	35v	50v	
0.1	-	-	-	X	X	
0.12	-	-	-	X	X	
0.15	-	-	-	X	X	
0.18	-	-	-	X	X	
0.22	-	-	-	X	X	
0.27	-	-	-	X	X	
0.33	-	-	-	X	X	
0.39	-	-	-	X	X	
0.47	-	-	-	X	X	
0.56	-	-	-	X	X	
0.68	-	-	-	X	X	
0.82	-	-	-	X	X	
1	X	O	O	X	X	
1.2	-	O	X	X	X	
1.5	O	X	X	X	X	
1.8	O	O	X	X	X	
2.2	O	O	X	X	X	
2.7	X	O	O	X	X	
3.3	X	O	O	X	X	
3.9	X	O	O	X	X	
4.7	X	X	X	X	X	
5.6	O	O	X	X	X	
6.8	X	O	X	X	X	
8.2	X	O	X	X	X	
10	X	O	X	X	X	
12	O	O	X	X	X	
15	X	X	X	X	X	
18	X	X	X	X	X	
22	O	O	X	X	X	
27	O	O	X	X	-	
33	X	O	X	X	-	
39	O	X	O	X	-	
47	O	X	O	X	X	
56	O	O	O	-	-	
68	X	X	X	-	-	
82	O	O	-	-	-	
100	O	X	-	-	-	
120	O	-	-	-	-	
150	X	X	-	-	-	

X=stock item at Ack  
O=non-stock, special order item dash=not available  
TO ORDER: The part number for any of the above tantalums is the voltage, followed by "TA" followed by the capacitance.  
EXAMPLE: The part # for a 50v, 1 mf tantalum is "50TA1".

CEILING FAN CAPS, 250vac	
uF	PART #
2	CF-2
2 & 2.5	CF-2/5.5
3.5 & 1.5	CF-3.5/1.5
3 & 6.5	CF-3/6.5
4	CF-4
5	CF-5
5 & 8.2	CF-5/8.2
6 & 14	CF-6/14

SILVER MICA CAPS •5% tol. •temp. stable	
STANDARD VALUES (500v) "SM15J", pF—1, 2, 3, 5, 10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 50, 51, 56, 62, 75, 82, 91, 100, 120, 130, 150, 160, 180, 200, 220, 240, 250, 270, 300, 330, 360, 390, 430, 470, 500, 510 pF	
STANDARD VALUES (300v) "SM19J", pF—560, 620, 680, 750, 820, 910, 1000, 1200, 1300, 1500, 1800, 2400, 2700, 3000, 3300, 3600, 3900, 4300, 4700, 5000 pF	
TO ORDER: Simply specify "silver mica" plus the desired pF rating.	



**CAPACITANCE SUBSTITUTION BOX**  
— 24 values from 0100 pF to .1 uF.  
Two rotary switches allow you to dial in the desired value. **CS-440 ELE**

# CAPACITORS

"CGS" SERIES COMPUTER GRADE CAPS  
(good for high current filtering or energy storage)  
85° C -10%, +50 to 75% tolerance  
screw terminals

VOLTS DC	mF	DIA. x HEIGHT (inches)	MALLORY PART #
10	18000	1.375 x 2.125	CGS183U010R2C
16	5500	1.375 x 2.125	CGS552U016R2C
16	10000	1.375 x 3.125	CGS103U016R3C
16	10000	1.375 x 2.125	CGS103U016R2C
16	12000	1.375 x 2.125	CGS123U016R2C
16	17000	1.375 x 3.125	CGS173U016R3C
16	23000	2 x 3.125	CGS233U016V3C
16	33000	2 x 2.125	CGS333U016V2C
16	50000	2 x 3.125	CGS503U016V3C
16	68000	2 x 3.125	CGS683U016V3C
16	91000	2 x 4.125	CGS913U016V4C
25	3000	1.375 x 2.125	CGS302U025R2C
25	5600	1.375 x 3.125	CGS562U025R3C
25	12000	1.375 x 3.125	CGS123U025R3C
25	16000	1.375 x 4.125	CGS163U025R4C
25	22000	2 x 2.125	CGS223U025V2C
25	33000	2 x 3.125	CGS333U025V3C
25	43000	3 x 4.125	CGS433U025X4C
25	47000	2 x 4.125	CGS473U025V4C
25	68000	2 x 4.125	CGS683U025V4C
25	100000	3 x 3.625	CGS104U025X3L
40	4700	1.375 x 2.125	CGS472U040R2C
40	12000	1.375 x 4.125	CGS123U040R4C
40	20000	2 x 5.625	CGS203U040V5L
40	47000	2 x 4.125	CGS473U040W4C
50	1600	1.375 x 2.125	CGS162U050R2C
50	2200	1.375 x 2.125	CGS222U050R2C
50	5000	1.375 x 3.125	CGS502U050R3C
50	9600	2 x 4.125	CGS962U050V4C
50	10000	1.375 x 4.125	CGS103U050R4C
50	10000	2 x 2.125	CGS103U050V2C
50	12000	1.375 x 5.625	CGS123U050R5L
50	18000	2 x 3.125	CGS183U050V3C
50	25000	2.5 x 4.125	CGS253U050W4C
50	33000	2.5 x 4.125	CGS333U050W4C
50	56000	3 x 3.625	CGS563U050X3L
75	5600	1.375 x 4.125	CGS562U075R4C
75	10000	2 x 3.125	CGS103U075V3C
75	33000	3 x 4.125	CGS333U075X4C
100	33000	3 x 8.625	CGS333U100X8L
200	1000	1.375 x 4.125	CGS102T200R4C
250	200	1.375 x 2.125	CGS201T250R2C
250	470	1.375 x 3.125	CGS471T025R3C
250	1000	1.375 x 5.625	CGS102T250R5L
250	1200	2 x 3.125	CGS122T250V3C
450	100	1.375 x 2.125	CGS101T450R2C
450	250	1.375 x 4.125	CGS251T450R4C
450	320	2 x 3.125	CGS321T450V3C
450	480	2 x 4.125	CGS481T450V4C
450	800	2 x 4.625	CGS801T450V4L
450	1100	3 x 4.125	CGS112T450X4C
450	1800	3 x 5.875	CGS182T450X5R



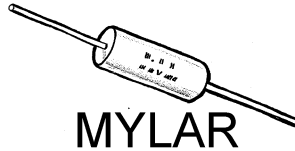
### CGS & PSU VERTICAL MOUNTING CLAMPS

Diameter of cap to be mounted (INCHES)	MALLORY PART #
1 to 1-1/16	VR-1
1-3/8 to 1-7/16	VR-3
1-1/2 to 1-9/16	VR-4
1-3/4 to 1-13/16	VR-6
2 to 2-1/6	VR-8
2-1/2 to 2-9/16	VR-10
3 to 3-1/8	VR-12

## MALLORY

www.nacc-mallory.com

CALL ACK FOR CURRENT PRICES!



### MYLAR

MYLAR (POLYESTER) AXIAL CAPS 125° C 10% tolerance non-polarized (more stable than aluminum electrolytics)					
mf	50vdc	100vdc	200vdc	400vdc	600vdc
0.001	-	1AXD1	2AXD1	4AXD1	6AXD1
0.0015	-	-	2AXD15	4AXD15	-
0.0018	-	1AXD18	-	-	-
0.0022	-	1AXD22	2AXD22	-	6AXD22
0.0033	-	1AXD33	2AXD33	-	6AXD33
0.0047	-	1AXD47	2AXD47	4AXD47	-
0.0056	-	1AXD56	-	-	-
0.0068	-	1AXD68	2AXD68	-	-
0.01	-	1AXS1	2AXS1	4AXS1	6AXS1
0.015	-	1AXS15	-	-	-
0.022	-	1AXS22	2AXS22	4AXS22	6AXS22
0.033	-	1AXS33	2AXS33	4AXS33	6AXS33
0.047	-	1AXS47	2AXS47	4AXS47	6AXS47
0.068	-	1AXS68	2AXS68	4AXS68	6AXS68
0.1	5AXP1	1AXP1	2AXP1	4AXP1	6AXP1
0.15	5AXP15	-	-	4AXP15	-
0.22	5AXP22	1AXP22	2AXP22	4AXP22	6AXP22
0.33	5AXP33	1AXP33	2AXP33	4AXP33	6AXP33
0.47	5AXP47	1AXP47	2AXP47	4AXP47	6AXP47
0.5	-	1AXP5	-	-	-
0.56	5AXP56	-	-	-	-
0.68	5AXP68	1AXP68	2AXP68	-	-
1	5AXW1	1AXW1	2AXW1	4AXW1	6AXW1
1.5	-	-	2AXW1R5	-	-
2	5AXW2	1AXW2	2AXW2	4AXW2	6AXW2
3	-	-	2AX3R3	-	-
4	-	1AXW4	2AXW4	-	-
5	5AXW5	-	2AXW5	-	-
6	-	-	2AXW6	-	-
10	-	1AXW10	2AXW10	-	-

NOTE: THE ABOVE ITEMS ARE IN STOCK AT ACK. MANY MORE MYLAR VALUES ARE AVAILABLE BY SPECIAL ORDER. ASK ACK



### POLYSTYRENE

POLYSTYRENE-FOIL CAPS 85° C 5% tolerance temp. stable humidity protected (alternative to silver mica)			
	500vdc	125vdc	25vdc
22 pf	SX422	-	-
47 pf	SX447	*SMX447	-
75 pf	SX475	-	-
82 pf	SX482	*SMX482	-
100 pf	SX310	*SMX310	*SXX310
150 pf	SX315	*SMX315	*SXX315
200 pf	SX320	-	-
270 pf	SX327	*SMX327	*SXX327
330 pf	SX333	*SMX333	*SXX333
390 pf	SX339	*SMX339	*SXX339
470 pf	SX347	SXM347	*SXX347
500 pf	-	SXM350	-
750 pf	SX375	*SMX375	-
820 pf	*SX382	*SMX382	SXX382
.001 mf	SX210	SXM210	*SXX210
.0015 mf	SX215	*SMX215	*SXX215
.0022 mf	SX222	*SMX222	*SXX222
0.0025 mf	SX225	-	-
.0027 mf	SX227	*SMX227	*SXX227
.003 mf	*SX230	SXM230	-
.0033 mf	SX233	*SMX233	*SXX233
.0047 mf	SX247	*SMX247	*SXX247
.0068 mf	SX268	*SMX268	*SXX268
0.0075	*SX275	SXM275	-
.0082 mf	SX282	-	*SXX282
.01 mf	SX110	SXM110	*SXX110
.025 mf	-	-	SXX125
.1 mf	-	-	SXX010

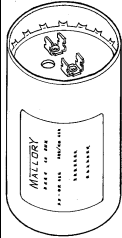
\*Special order item. Call Ack for info!

SEE WHAT YOU NEED? Ack stocks all of the above. Multitudes of other CGS values are available by special order. Call us for details!

800-338-4218 ACK Birmingham 205-322-0588

# CAPACITORS

**AC MOTOR START CAPS**  
 65° C •bakelite case  
 •quick-connect terminals



MOTOR START

mF	AC VOLTS	MALLORY PART #
72-86	110/125	PSU7215
88-106	110/125	PSU8815
108-130	110/125	PSU10815
124-149	110/125	PSU12415
130-156	110/125	PSU13015
145-174	110/125	PSU14515
161-193	110/125	PSU16115
189-227	110/125	PSU18915A
200-240	110/125	PSU20015
216-259	100/125	PSU21615
270-324	100/125	PSU27015A
340-408	110/125	PSU34015
400-480	110/125	PSU40015
430-516	110/125	PSU43015A
540-648	110/125	PSU54015B
590-708	110/125	PSU59015A
21-25	220/250	PSU2135
36-43	220/250	PSU3635
43-52	220/250	PSU4335B
64-77	220/250	PSU6435
88-106	220/250	PSU8835
108-130	220/250	PSU10835A
145-174	220/250	PSU14535
161-193	220/250	PSU16135A
189-227	220/250	PSU18935A
270-324	220/250	PSU27035A
108-130	330	PSU10830B
130-156	330	PSU13030

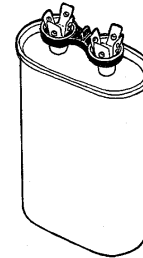
A veritable plethora of motor start values is available by special order. Let us fax you a complete listing!

**HI FREQUENCY, NON-POLARIZED CAPS**  
 (for use in monitor deflection circuits)  
 50VDC RADIAL LEADS

VALUES IN STOCK:	2.2 mf	3.3 mf	4.7 mf
	5.6 mf	6.8 mf	8.5 mf
	15 mf	22 mf	-

TO ORDER: A 50 VOLT, 2.2 MF HI-FREQUENCY, NON-POLARIZED CAP WOULD, FOR INSTANCE, BE ORDERED AS "50HFNP2.2". VALUES NOT LISTED CAN BE SPECIAL ORDERED UPON REQUEST.

**AC MOTOR RUN CAPS**  
 70° C •10% tolerance  
 •metallized polypropylene  
 •metal oval case  
 •quick disconnect terminals



MOTOR RUN

mF	370 VAC	440 VAC
1	*32FD3701	32FB4401
2	*32FD3702	32FB4402
3	*32FD3703	32FB4403
4	32FD3704	32FB4404
5	32FD3705	32FB4405
6	32FD3706	32FB4406
7.5	32FD3707	37FB44075
10	32FD3710	*37FB4410
12.5	37FD3712	*37FB44125
15	37FD3715	37FB4415
20	37FD3720	*38FB4420
25	37FD3725	*38FB4425
30	38FD3730	*38FB4430
40	38FD3740	*38FB4440

\*=non-stocked item at Ack; available by special order. Other values not listed are also available. Phone us!

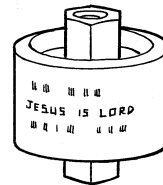
**AC POWER SUPPLY CAPS-600 VAC**  
 •metallized  
 •paper-polypropylene  
 •70° C •6% tolerance  
 •metal oval case

mF	MALLORY PART #
1	32KB6601
2	32KC6602
4	37KE6604
5	32KE6605
6	37KE6606
10	37KD6610
12	32KD6612

Other values available by special order: just ask us about them!



www.nacc-mallory.com



DOOR KNOB CAPS

**"DOORKNOB" RF CAPS, 5KV**

pF	PART #
25	850S-25Z
50	850S-50Z
75	850S-75N
100	850S-100N
500	858S-500
500	30DKT5*
1000	858S-1000

\*30K VDC

**NON-POLARIZED ELECTROLYTICS**  
 •Axial leads • 85° C

mF	50vdc	100vdc	150vdc
1	X		
2.2	X	X	
3	X		
4			X
4.7	X	X	
6.8	X		
10	X	X	X
15	X	X	
22	X		
25	X		
33	X		
50	X	X	
100	X	X	

X=Stock capacitor at Ack. Others are available special order.  
 TO ORDER: The part # for the above is the voltage, followed by "AXNP" followed by the capacitance. A 50v, 1 mfd non-polarized cap is "50AXNP1"