SERIES	DESCRIPTION	CAPACITANCE	WVDC WORKING VOLTAGE DC	VAC VOLTAGE AC	TEMP RANGE
EMI/RFI SUPPRESSION FILM					
MKP	Class X2	0.0047µF - 10µF	0 to 0	305 to 310	-40˚C to +110˚C
GENERAL PURPOSE FILM					
MPR	Metalized Polypropylene Epoxy Dipped Radial Lead	0.01µF - 2.2µF	100 to 1000	63 to 250	-55˚C to +105˚C
MPW	Metalized Polypropylene Axial Lead	0.001µF - 10µF	163 to 630	90 to 250	-55˚C to +105˚C
MWR	Metalized Polyester Axial Lead	0.001µF - 22µF	50 to 1500	30 to 300	-40˚C to +125˚C
MSR	Metalized Polyester Epoxy Dipped Radial Lead	0.01µF - 10µF	100 to 1000	63 to 250	-40˚C to +125˚C
HIGH FREQUENCY/SWITCHING FILM					
PHC	High Frequency Metalized Polypropylene Axial Lead	0.01µF - 60µF	250 to 850	160 to 450	-40˚C to +85˚C
SNUBBER FILM					
PMB, RMB	Metalized Polypropylene, Power Semiconductor Direct Mount Snubber Lug Terminals	0.047µF - 12µF	700 to 3000	0 to 750	-40˚C to +85˚C
PPA	High Voltage, High dv/dt Axial Lead	0.0047µF - 6.8µF	700 to 3000	380 to 750	-40˚C to +85˚C
HIGH DV/DT/PULSE FILM					
PPB	High Voltage Pulse Radial Lead Snubber	0.001µF - 6.8µF	0 to 2000	160 to 700	-55˚C to +105˚C
SUPERCAPACITORS					
DCN	High Pulse Power Extends Battery Life	0.3µF - 650F	2.7 to 5.5		-40˚C to +60˚C
RADIAL LEAD GENERAL PURPOSE ALUMINUM ELECTROLYTIC					
CKR, CKS	+85˚C Standard 2000 Hour	0.1µF - 22000µF	6.3 to 500		-40˚C to +85˚C
CKH, CKE	+105˚C Extended Life 2000 Hour	0.1µF - 22000µF	6.3 to 450		-40˚C to +105˚C
RADIAL LEAD HIGH FREQUENCY/LOW IMPEDANCE ALUMINUM ELECTROLYTIC					
KXM	+105˚C, High Voltage, Low Impedance, Long Life, 5000 Hours	0.47µF - 15000µF	6.3 to 100		-55˚C to +105˚C
SNAP-IN/SNAP MOUNT ALUMINUM ELECTROLYTIC					
LBA	+85˚C Standard 2000 Hours	47µF - 82000µF	10 to 500		-40˚C to +85˚C
LBB	+85˚C Extended Life, 3000 Hours	82µF - 47000µF	16 to 450		-40˚C to +85˚C
LMX	+105°C 5000 Hours	47µF - 47000µF	10 to 450		-40˚C to +105˚C
LMB	+105°C Extended Life, 3000 Hours	47µF - 56000µF	10 to 450		-40˚C to +105˚C
SURFACE MOUNT ALUMINUM ELECTROLYTIC					
SML	+85˚C Standard 2000 Hours	0.1µF - 1500µF	4 to 100		-40˚C to +85˚C
SMH	+105°C General Purpose 1000 Hours	0.1µF - 1500µF	6.3 to 50		-55˚C to +105˚C
AXZ	+105°C Low Impedance 2000 Hours	1µF - 1500µF	6.3 to 50		-55˚C to +105˚C
AXIAL LEAD ALUMINUM ELECTROLYTIC					
TTA	+85˚C Standard, General Purpose 2000 Hours	0.47µF - 22000µF	10 to 500		-40˚C to +85˚C
RADIAL LEAD ALUMINUM POLYMER CAPACITORS					
AVG	125˚C Low ESR Radial Lead Aluminum Polymer Capacitors	4.7µF - 1500µF	16 to 160		-55˚C to +125˚C
SMD ALUMINUM POLYMER CAPACITORS					
UVR	+105°C Low ESR, High Ripple Current SMD Aluminum Polymer Capacitors	39µF - 1500µF	2.5 to 16		-55˚C to +105˚C
UVG	+105°C Low ESR, High Ripple Current SMD Aluminum Polymer Capacitors	22µF - 820µF	2.5 to 25		-55˚C to +105˚C
XMPL	+105°C Low ESR, High Ripple Current SMD Aluminum Polymer Capacitors	39µF - 1500µF	2 to 16		-40˚C to +105˚C
MOTOR RUN/AC					
QPC	Radial Leaded Box	0.4µF - 10µF		250 to 450	-25˚C to +85˚C
RADIAL LEAD HIGH FREQUENCY/LOW IMPEDANCE					
KBM	+105°C High Frequency Low Impedance/ESR, 8000 to 10000 Hours	0.47µF - 10000µF	6.3 to 100		-40˚C to +105˚C
TXK	+105°C High Voltage Low Impedance Long Life, 5000 Hours	2.2µF - 220µF	160 to 450		-40˚C to +105˚C
KFM	+105°C High Frequency Low Impedance/ESR, 8000 to 10000 Hours	1µF - 330µF	160 to 450		-40˚C to +105˚C

Illinois Capacitor – Part Number Identification

Illinois Capacitor products follow a uniform part numbering system as indicated below:

Section	687	LBA	400	M	W	EH	Y
	1	2	3	4	5	6	7

1) Capacitance Value
2) Capacitor Series
3) Voltage Rating
4) Capacitance Tolerance
5) Lead Style Indicator
6) Case Size
7) Special order options such as tape and reel or cut and formed leads

ILLINOIS CAPACITOR, INC.