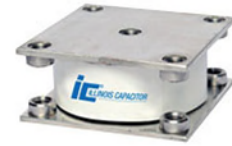


# LC3

## High Power Resonant Capacitors



### FEATURES

High AC Voltage - High Current

### APPLICATIONS

Induction Heating - Tank Circuits

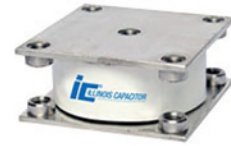
KVAR	300
CAPACITANCE TOLERANCE	+/-10%
MAXIMUM CORE TEMPERATURE	+85°C
SURFACE TEMPERATURE	+45°C (Above 45°C the KVAR rating must be de-rated by 2.25%/°C)
CONSTRUCTION	Self-healing
SELF INDUCTANCE	< 5 nH
DIELECTRIC	Polypropylene
FLAME RETARDANT	UL94V0

### Standard Part Listing

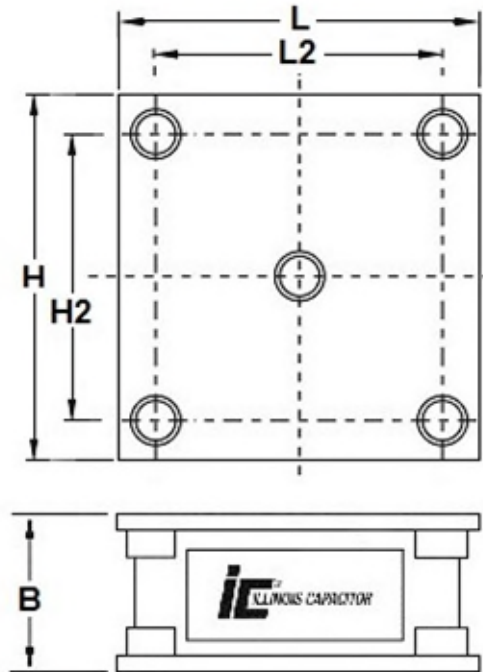
Capacitance (µF)	VAC	IC part number	Maximum RMS current (A)	MAX power kvar	Frequency range (kHz)	ESR (mΩ) 100kHz, +25°C	Dimensions (mm)			Terminal Style
							B	H	L	
0.1	1000	<a href="#">104LC3102KL505HM6</a>	350	300	476-649	1.2	34	50	50	5HM6
0.2	1000	<a href="#">204LC3102KL505HM6</a>	500	300	238-423	1.2	34	50	50	5HM6
0.25	700	<a href="#">254LC3700KL505HM6</a>	500	300	390-530	1.2	34	50	50	5HM6
0.33	700	<a href="#">334LC3700KL505HM6</a>	500	300	295-401	1	34	50	50	5HM6
0.66	700	<a href="#">664LC3700KL505HM6</a>	500	300	147-200	0.8	34	50	50	5HM6
1	600	<a href="#">105LC3600KL505HM6</a>	650	300	132-223	0.5	34	50	50	5HM6
1.2	600	<a href="#">125LC3600KL505HM6</a>	650	300	111-187	0.5	34	50	50	5HM6
1.32	600	<a href="#">135LC3600KL505HM6</a>	650	300	100-170	0.3	34	50	50	5HM6
2.4	500	<a href="#">245LC3500KL505HM6</a>	650	300	80-97	0.2	34	50	50	5HM6
0.25	700	<a href="#">254LC3700K5LM8</a>	500	300	390-530	1.2	34	78	78	5LM8
0.33	700	<a href="#">334LC3700K5LM8</a>	500	300	295-401	1	34	78	78	5LM8
0.66	700	<a href="#">664LC3700K5LM8</a>	500	300	147-200	0.8	34	78	78	5LM8
1	600	<a href="#">105LC3600K5LM8</a>	650	300	132-223	0.5	34	78	78	5LM8
1.2	600	<a href="#">125LC3600K5LM8</a>	650	300	111-187	0.5	34	78	78	5LM8
1.32	600	<a href="#">135LC3600K5LM8</a>	650	300	100-170	0.3	34	78	78	5LM8
2.4	500	<a href="#">245LC3500K5LM8</a>	650	300	80-97	0.2	34	78	78	5LM8
2.6	500	<a href="#">265LC3500K5LM8</a>	650	300	72-85	0.2	34	78	78	5LM8
5	400	<a href="#">505LC3400K5LM8</a>	800	300	59-67	0.1	34	78	78	5LM8

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## High Power Resonant Capacitors



LEAD STYLE: 5HM6, 5LM8

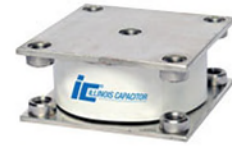


Style	L	H	B	H2	L2	Mounting Holes
5HM6	50±1.0	50±1.0	34±0.5	36	36	M6 Tap
5LM8	78±1.0	78±1.0	34±0.5	62	62	M8 Tap

Tightening Torque: 20Nm MAX

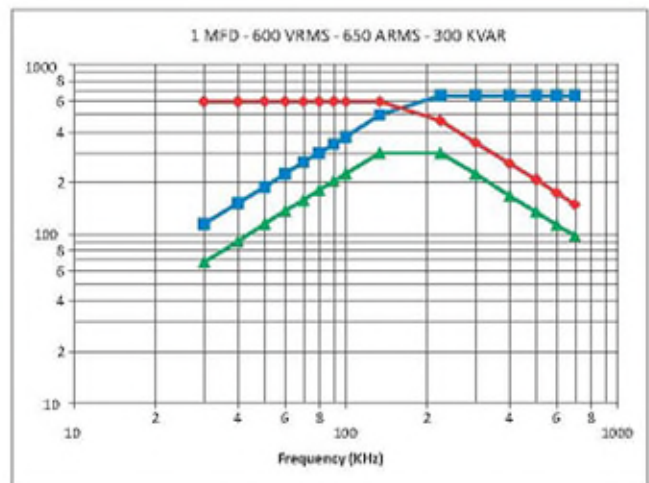
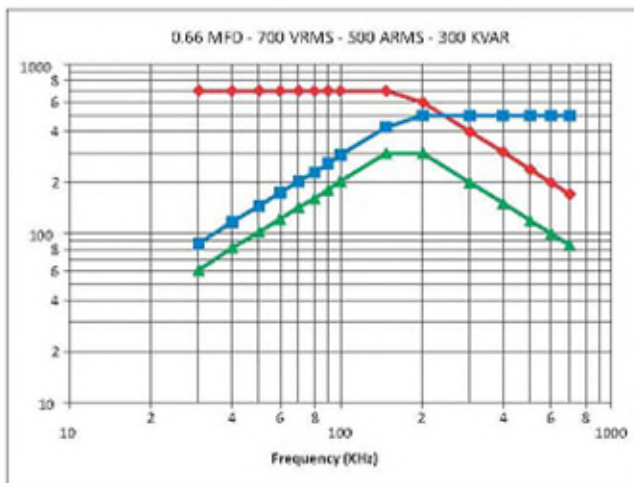
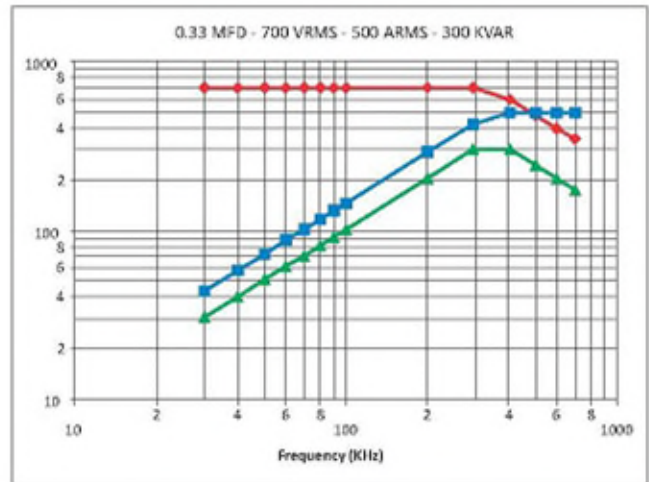
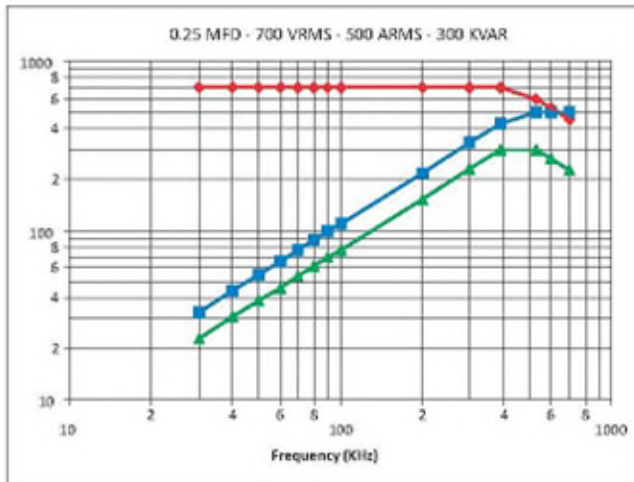
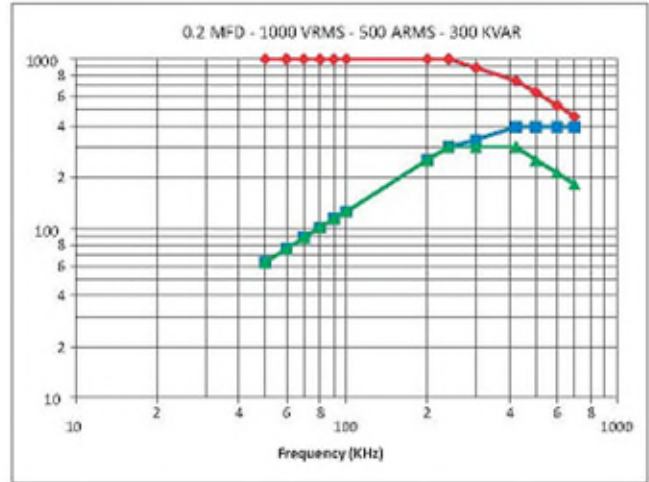
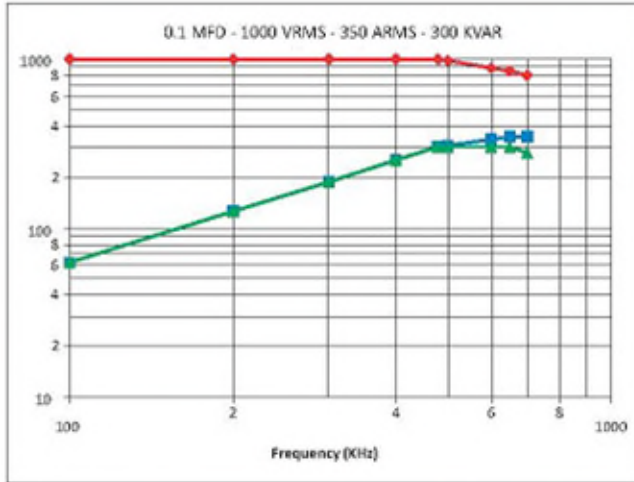
# LC3

## High Power Resonant Capacitors



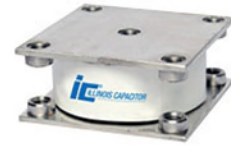
### Frequency Derating

—●— Voltage    —■— Current    —▲— Power



# LC3

## High Power Resonant Capacitors



### Frequency Derating

— Voltage — Current — Power

