

# LC4

## High Power Resonant Capacitors



### FEATURES

High AC Voltage - High Current

### APPLICATIONS

Induction Heating - Tank Circuits

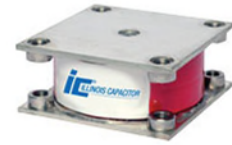
KVAR	400
CAPACITANCE TOLERANCE	+/-10%
MAXIMUM CORE TEMPERATURE	+85°C
SURFACE TEMPERATURE	+45°C (Above 45°C the KVAR rating must be de-rated by 2.25%/°C)
CONSTRUCTION	Self-healing
SELF INDUCTANCE	< 5 nH
DIELECTRIC	Polypropylene
FLAME RETARDANT	UL94V0

### Standard Part Listing

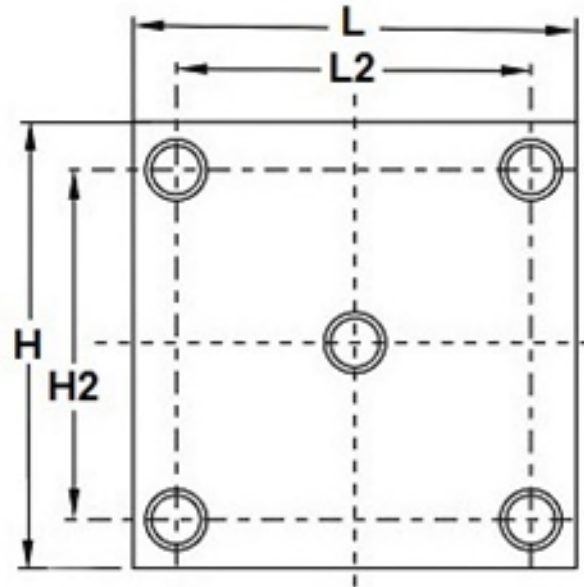
Capacitance (µF)	VAC	IC part number	Maximum RMS current (A)	MAX power kvar	Frequency range (kHz)	ESR (mΩ) 100kHz, +25°C	Dimensions (mm)			Terminal Style
							B	H	L	
0.33	1000	<a href="#">334LC4102K5LM8</a>	600	400	194-433	1.0	34	78	78	5LM8
0.66	1000	<a href="#">664LC4102K5LM8</a>	600	400	95-216	0.8	34	78	78	5LM8
1.20	900	<a href="#">125LC4900K5LM8</a>	850	400	66-239	0.3	34	78	78	5LM8
1.32	900	<a href="#">135LC4900K5LM8</a>	850	400	58-215	0.3	34	78	78	5LM8
2.60	700	<a href="#">265LC4700K5LM8</a>	950	400	51-138	0.2	34	78	78	5LM8
5.00	500	<a href="#">505LC4500K5LM8</a>	1000	400	50-80	0.1	34	78	78	5LM8

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### LEAD STYLE: 5LM8



L	H	B	H2	L2
78±1.0	78±1.0	34±0.5	62	62
Mounting Holes: M8 Tap				
Tightening torque: 20Nm MAX				

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### Frequency Derating

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

