

# LC4

## High Power Resonant Capacitors



### FEATURES

High AC Voltage - High current

### APPLICATIONS

Induction Heating - Tank Circuits

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

### 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	334LC4102K5LM8	600	400	194-433	1.0	34	78	78	5LM8
0.66	1000	664LC4102K5LM8	600	400	95-216	0.8	34	78	78	5LM8
1.20	900	125LC4900K5LM8	850	400	66-239	0.3	34	78	78	5LM8
1.32	900	135LC4900K5LM8	850	400	58-215	0.3	34	78	78	5LM8
2.60	700	265LC4700K5LM8	950	400	51-138	0.2	34	78	78	5LM8
5.00	500	505LC4500K5LM8	1000	400	50-80	0.1	34	78	78	5LM8



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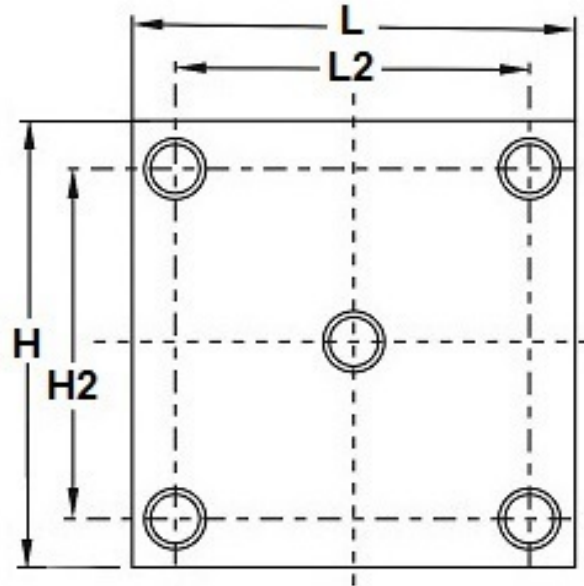
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### LEAD STYLE: 5LM8



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

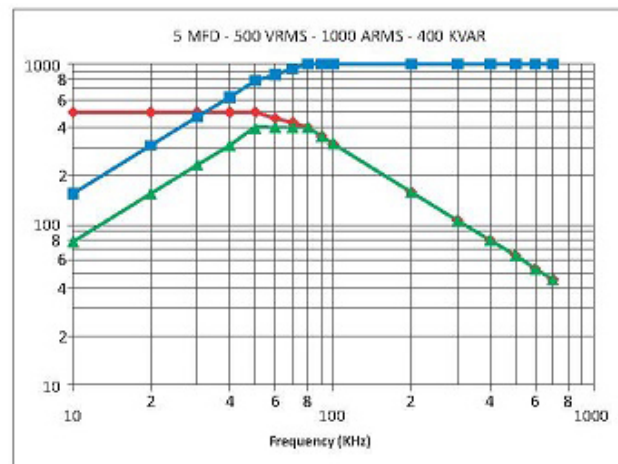
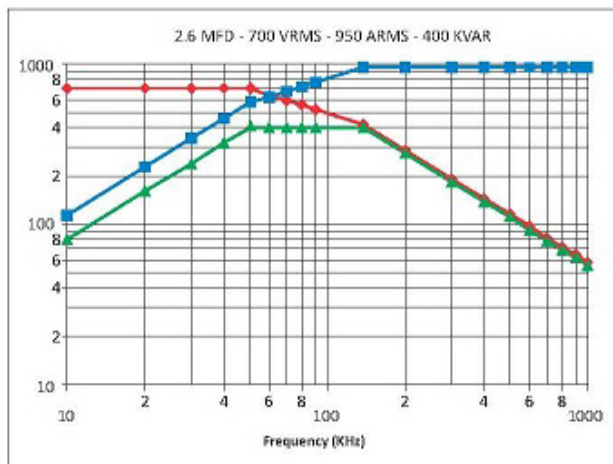
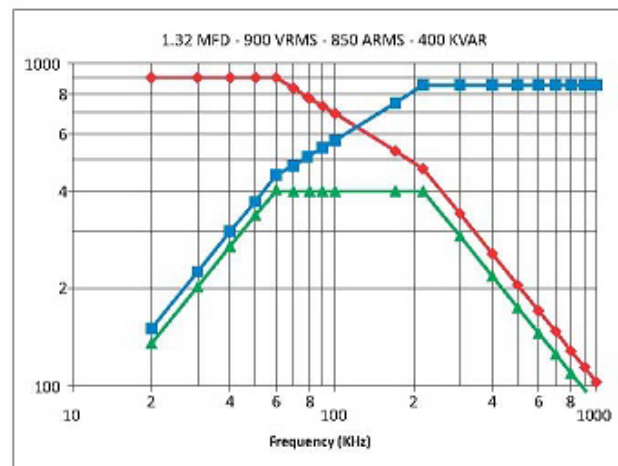
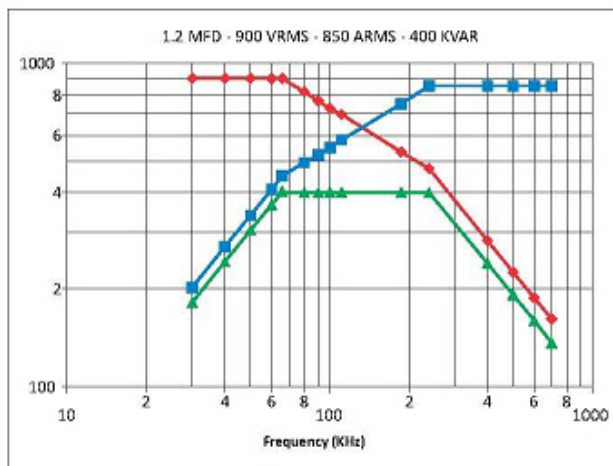
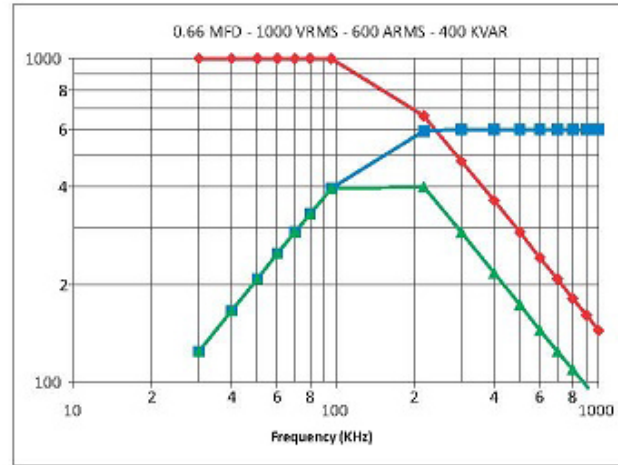
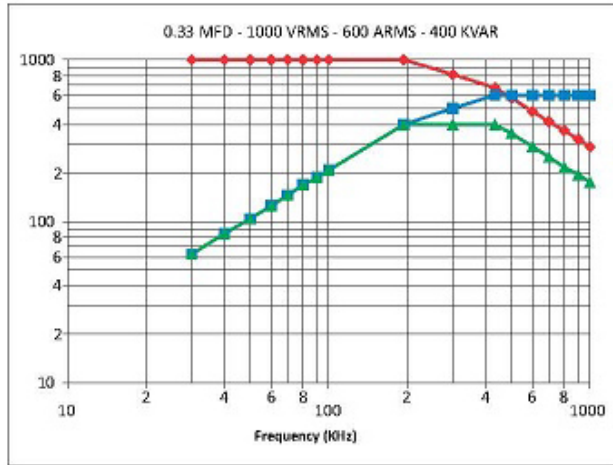
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### Frequency Derating

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



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