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	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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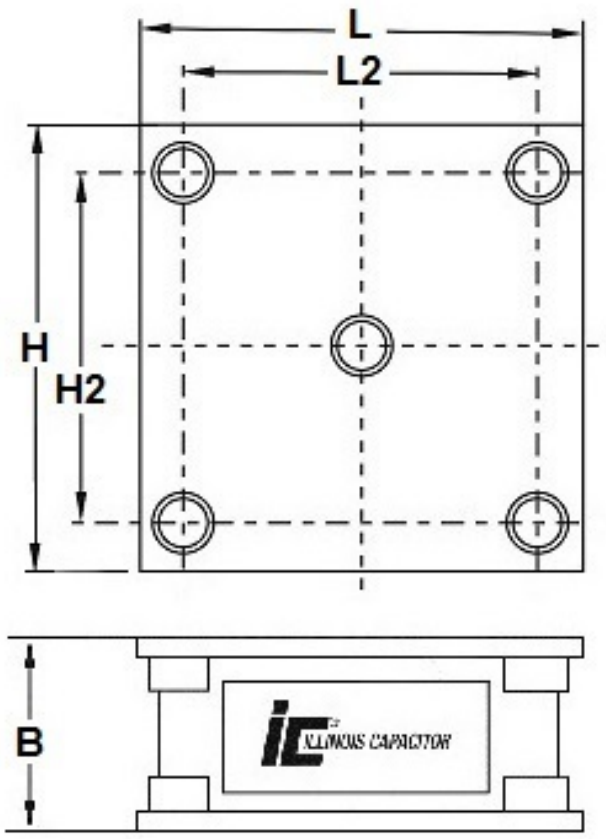
LEAD STYLE: 5LM8



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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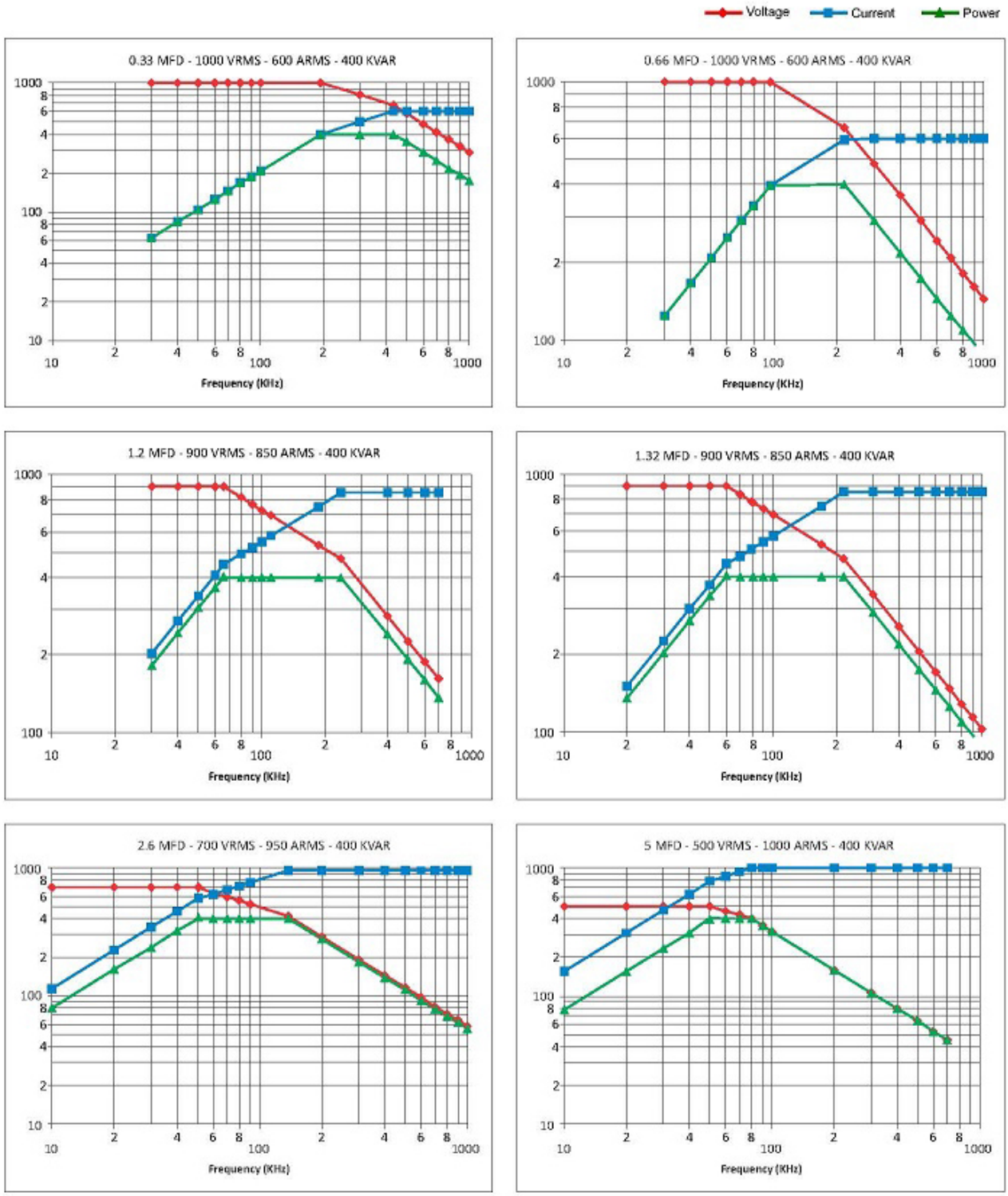
Frequency Derating



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