LC2
High Power Resonant Capacitors



FEATURES	High AC Voltage - High current

APPLICATIONS	Induction Heating - Tank Circuits

KVAR	**200**
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	700	334LC2700K5HM6	300	200	196 – 216	1.0	34	50	50	5HM6
0.66	600	664LC2600K5HM6	350	200	135 – 149	0.8	34	50	50	5HM6
1.20	500	125LC2500K5HM6	400	200	105	0.5	34	50	50	5HM6
1.50	500	155LC2500K5HM6	400	200	85 - 108	0.3	34	50	50	5HM6
2.60	400	265LC2400K5HM6	450	200	80 - 96	0.2	34	50	50	5HM6

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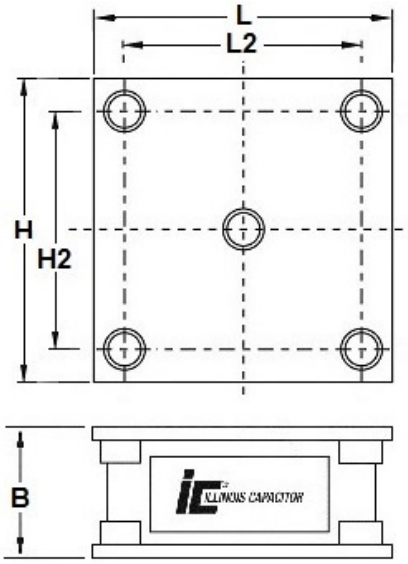
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LEAD STYLE: 5HM6



L	H	B	H2	L2
50±1.0	50±1.0	34±0.5	36±1.0	36±1.0
Mounting Holes: M6 Tap				
Tightening torque: 20Nm MAX				

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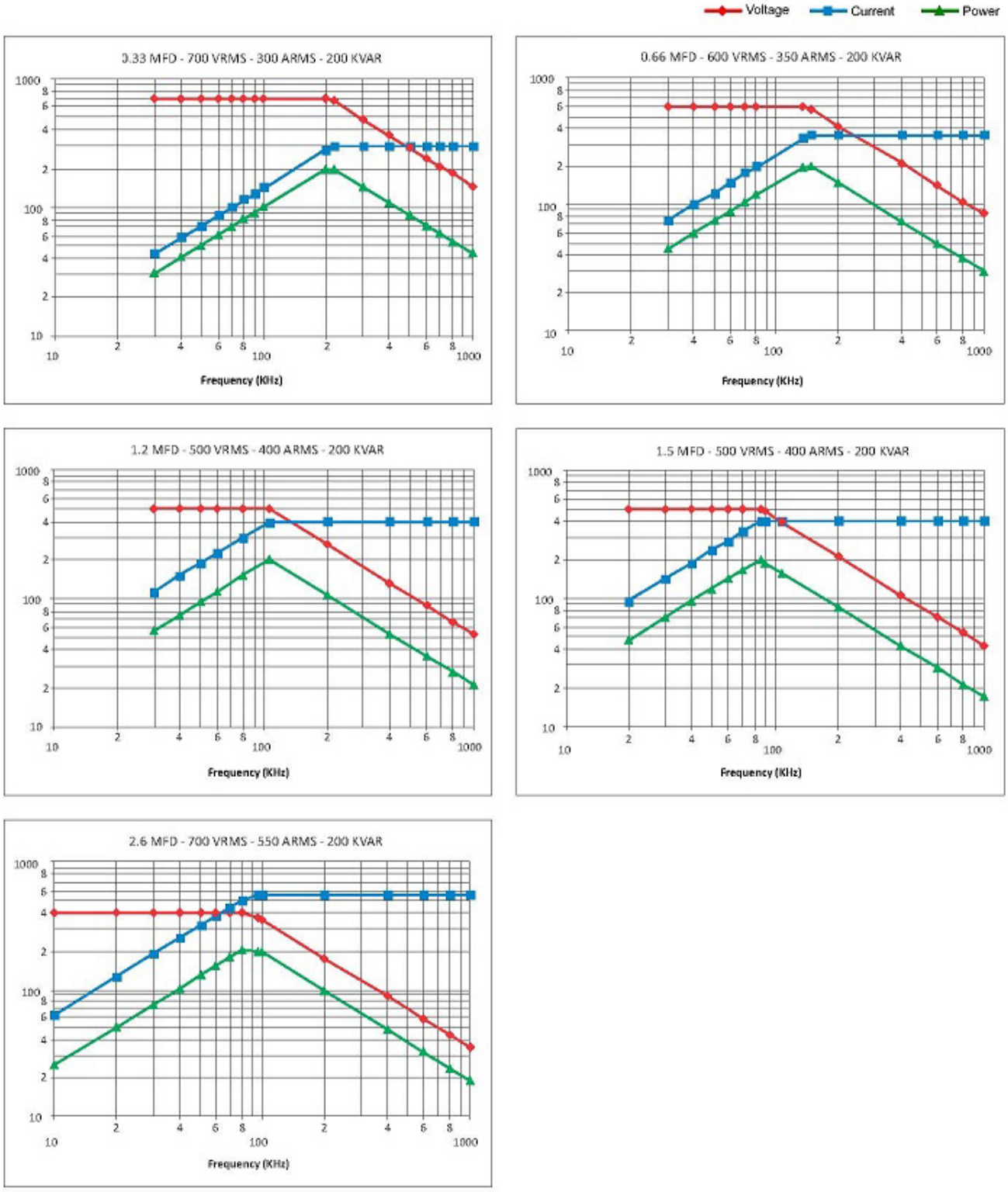
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Frequency Derating



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