LC7
High Power Resonant Capacitors



FEATURES	High AC Voltage - High Current
APPLICATIONS	Induction Heating - Tank Circuits

KVAR	**700**
CAPACITANCE TOLERANCE	**+/-10%**
MAXIMUM CORE TEMPERATURE	**+85°C**
SURFACE TEMPERATURE	**+45ºC (Above 45ºC the KVAR rating must be de-rated by 2.25%/ºC)**
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	
5	1000	505LC7102K5TM8	800	700	22-29	0.70	72	130	130	5TM8
9	900	905LC7900K5TM8	900	700	15.3-20	0.60	72	130	130	5TM8
12	850	126LC7850K5TM8	1000	700	12.9-19	0.55	72	130	130	5TM8
14	850	146LC7850K5TM8	1000	700	11-16.2	0.50	72	130	130	5TM8
19	800	196LC7800K5TM8	1000	700	9.2-12	0.40	72	130	130	5TM8
25	700	256LC7700K5TM8	1050	700	9-10	0.35	72	130	130	5TM8
27	700	276LC7700K5TM8	1100	700	8.4-10.2	0.30	72	130	130	5TM8
33	600	336LC7600K5TM8	1200	700	9.4-10	0.20	72	130	130	5TM8
46	600	466LC7600K5TM8	1200	700	6.7-7.1	0.15	72	130	130	5TM8
63	600	636LC7600K5TM8	1300	700	4.5-5.6	0.10	72	130	130	5TM8
80	500	806LC7500K5TM8	1400	700	5.6	0.08	72	130	130	5TM8
85	500	856LC7500K5TM8	1400	700	5.2	0.07	72	130	130	5TM8

Americas / EU
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CORNELL DUBILIER
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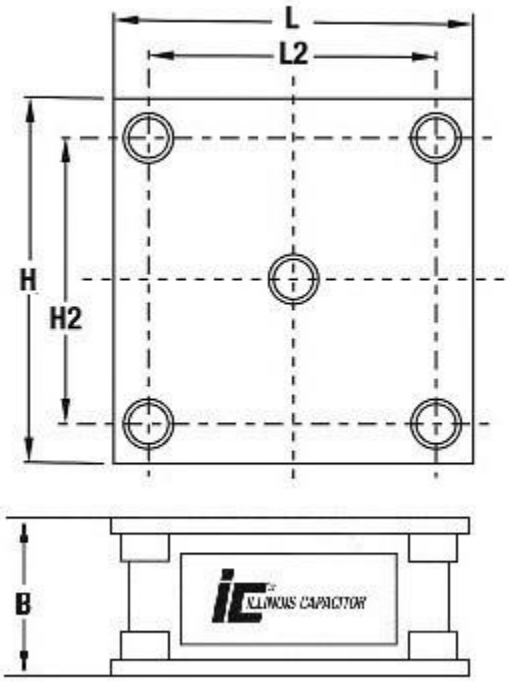
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LEAD STYLE: 5TM8



L	H	B	L2	H2
130 ±1	130 ±1	72 ±0.5	105 ±0.5	105 ±0.5
Mounting holes: M8 tap				
Tightening torque: 20Nm MAX				

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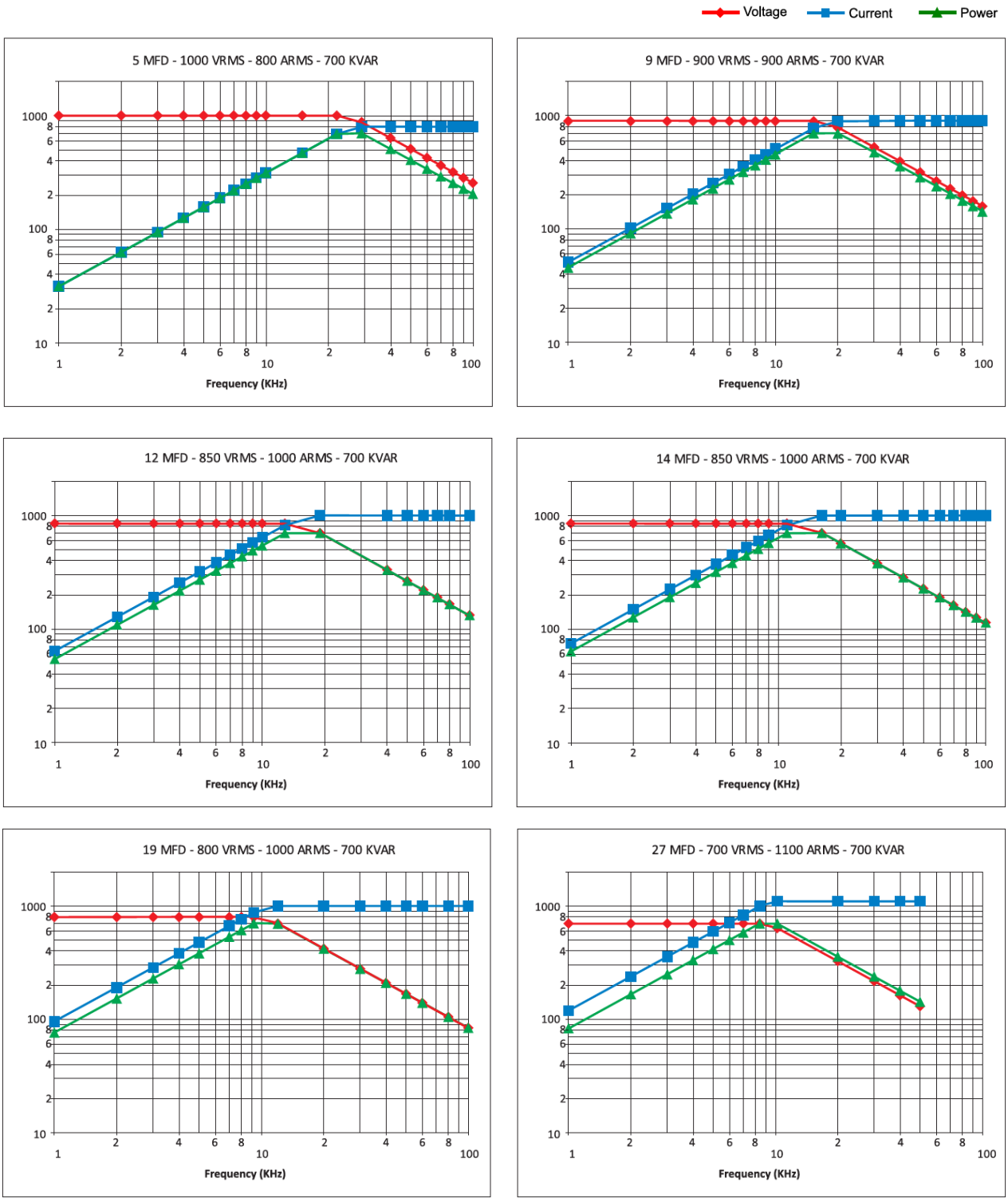
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Frequency Derating



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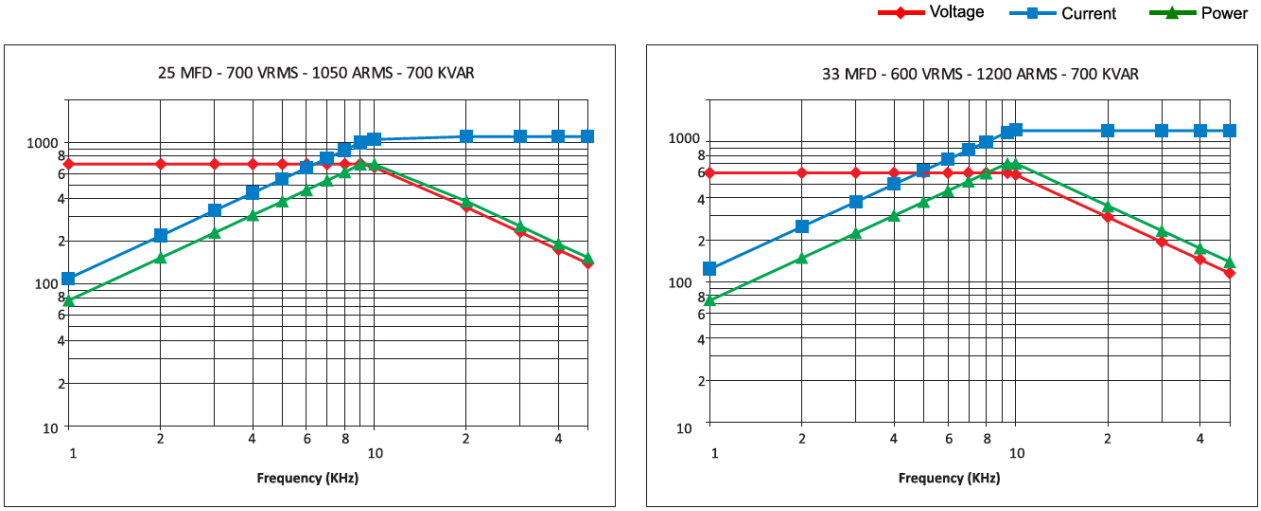
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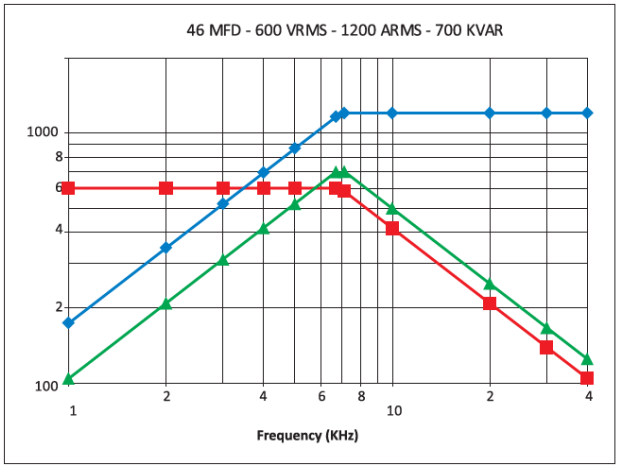
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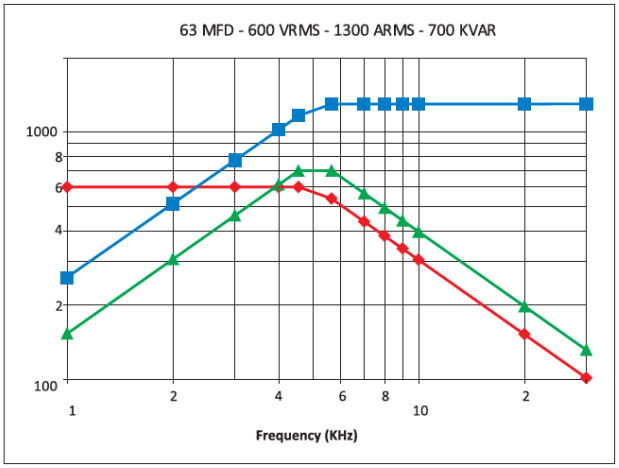
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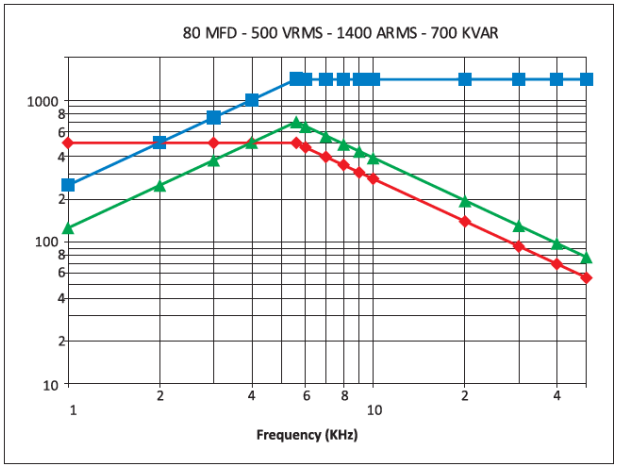


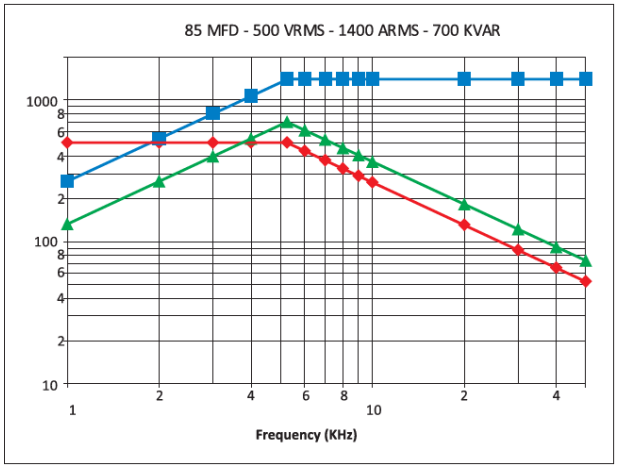
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