

# LC5

## High Power Resonant Capacitors



### FEATURES

High AC Voltage - High Current

### APPLICATIONS

Induction Heating - Tank Circuits

KVAR	500
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	< 3 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	
1.2	1100	<a href="#">125LC5112K5PM8</a>	600	500	55-96	1.5	54	100	100	5PM8
1.4	1100	<a href="#">145LC5112K5PM8</a>	600	500	46-83	1.2	54	100	100	5PM8
3.0	750	<a href="#">305LC5750K5PM8</a>	800	500	47-68	1.1	54	100	100	5PM8
3.3	750	<a href="#">335LC5750K5PM8</a>	800	500	43-62	1.0	54	100	100	5PM8
4.0	900	<a href="#">405LC5900K5PM8</a>	700	500	25-39	0.9	54	100	100	5PM8
5.6	700	<a href="#">565LC5700K5PM8</a>	1000	500	29-57	0.9	54	100	100	5PM8
6.3	700	<a href="#">635LC5700K5PM8</a>	1000	500	26-51	0.8	54	100	100	5PM8
8.5	700	<a href="#">855LC5700K5PM8</a>	1000	500	19-38	0.7	54	100	100	5PM8
10	700	<a href="#">106LC5700K5PM8</a>	1000	500	16-32	0.6	54	100	100	5PM8
21	500	<a href="#">216LC5500K5PM8</a>	1000	500	15	0.4	54	100	100	5PM8
27	550	<a href="#">276LC5550K5PM8</a>	1000	500	10-12	0.3	54	100	100	5PM8
33	500	<a href="#">336LC5500K5PM8</a>	1000	500	10	0.3	54	100	100	5PM8
37	500	<a href="#">376LC5500K5PM8</a>	1000	500	9	0.2	54	100	100	5PM8

#### Americas / EU

Phone: 1-508-996-8561

Email: [cdena@cde.com](mailto:cdena@cde.com)



**CORNELL  
DUBILIER**



#### Asia

Phone: 852-2793-0931

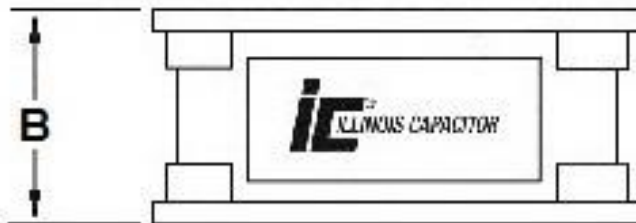
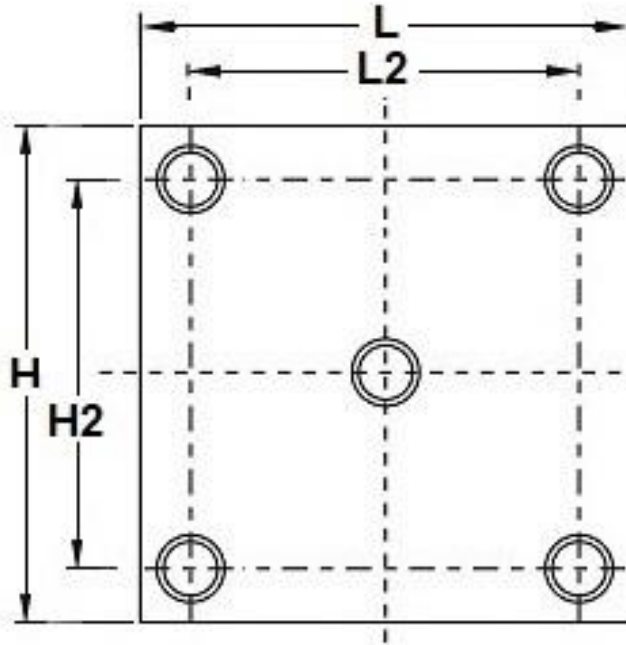
Email: [cdeasia@cde.com](mailto:cdeasia@cde.com)

# LC5

## High Power Resonant Capacitors



LEAD STYLE:5PM8



L	H	B	H2	L2
100 $\pm$ 1.0	100 $\pm$ 1.0	54 $\pm$ 0.5	78 $\pm$ 0.5	78 $\pm$ 0.5
Mounting Holes: M8 Tap				
Tightening torque: 20Nm MAX				

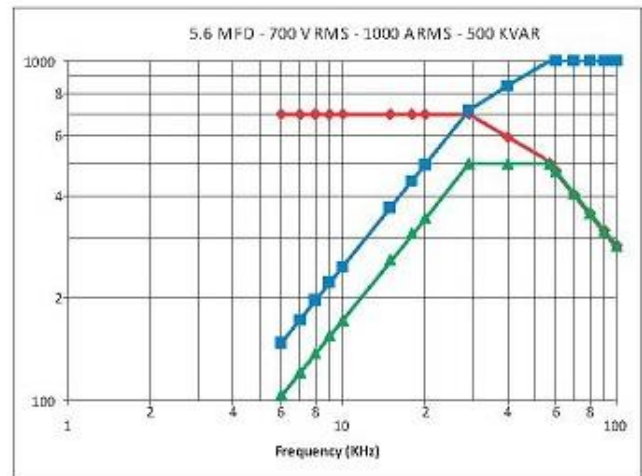
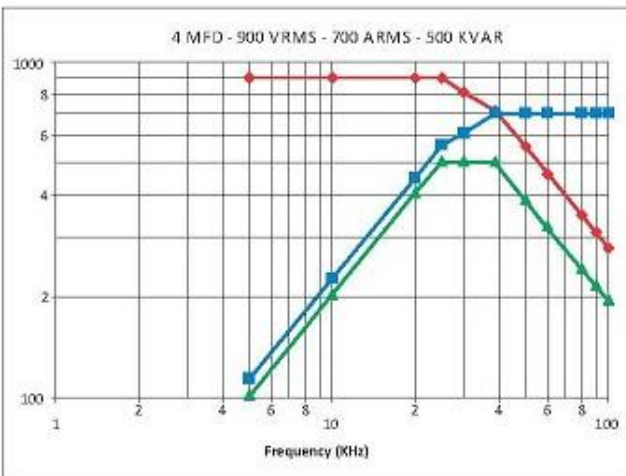
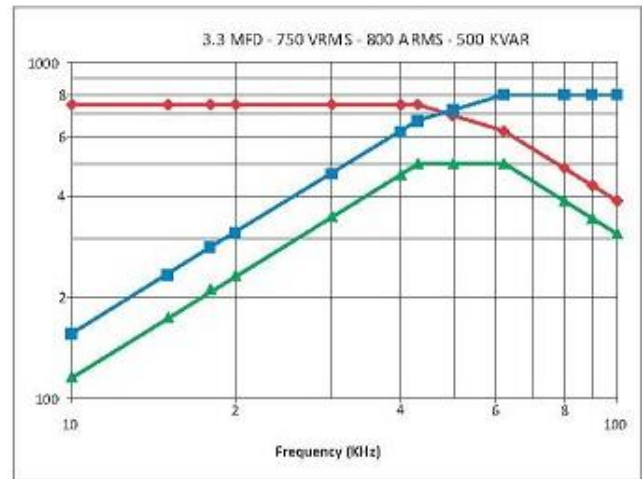
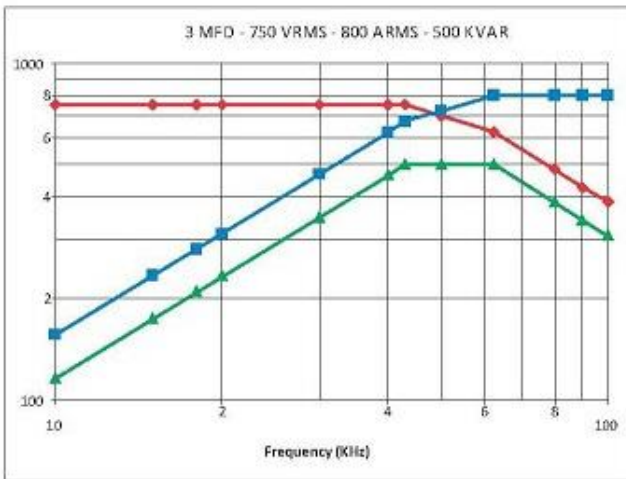
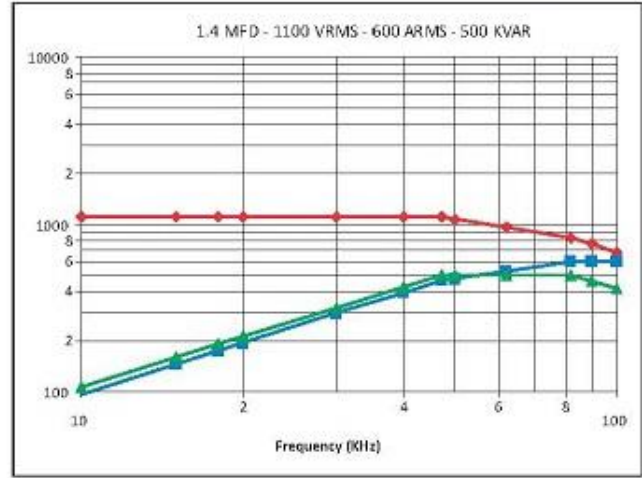
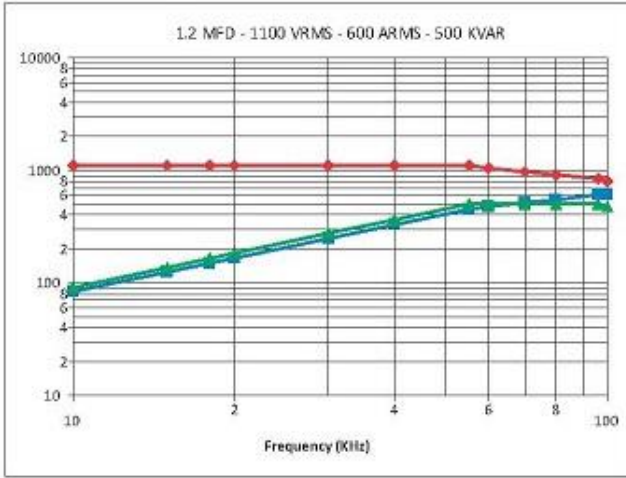
# LC5

## High Power Resonant Capacitors



### Frequency Derating

— Voltage — Current — Power



Americas / EU  
 Phone: 1-508-996-8561  
 Email: cdena@cde.com



Asia  
 Phone: 852-2793-0931  
 Email: cdeasia@cde.com

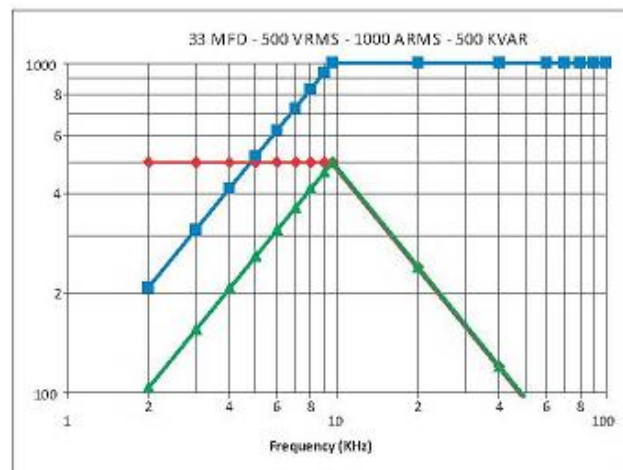
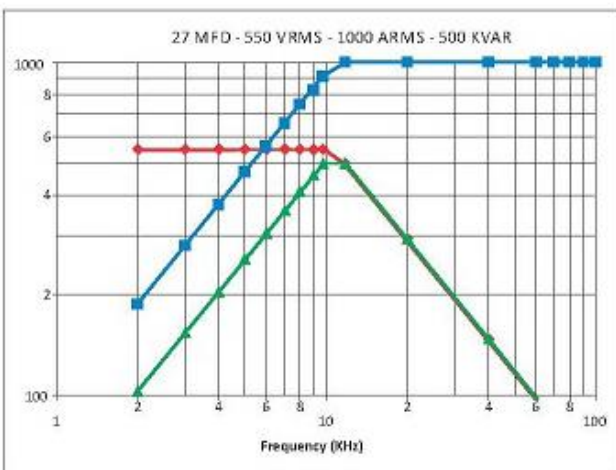
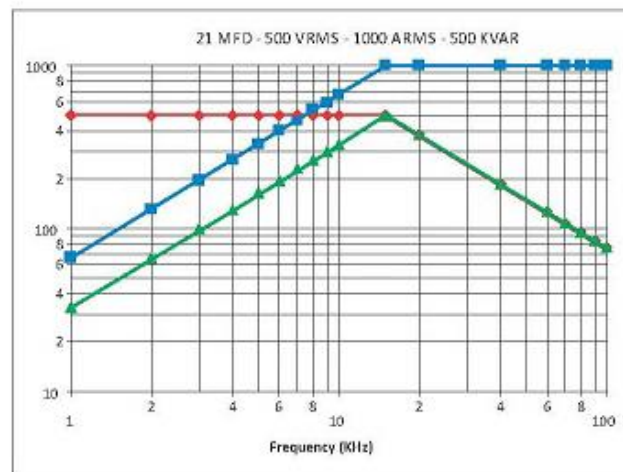
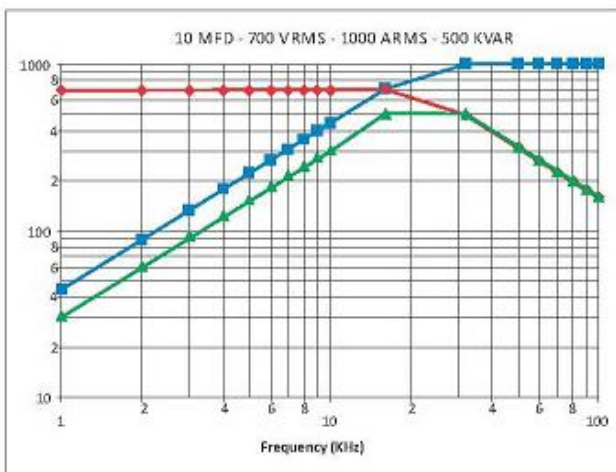
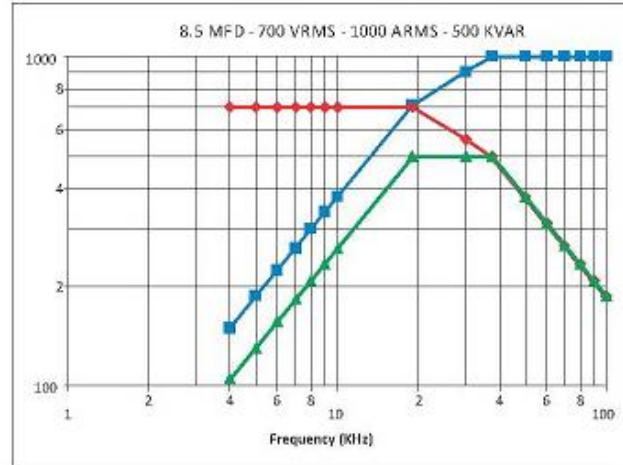
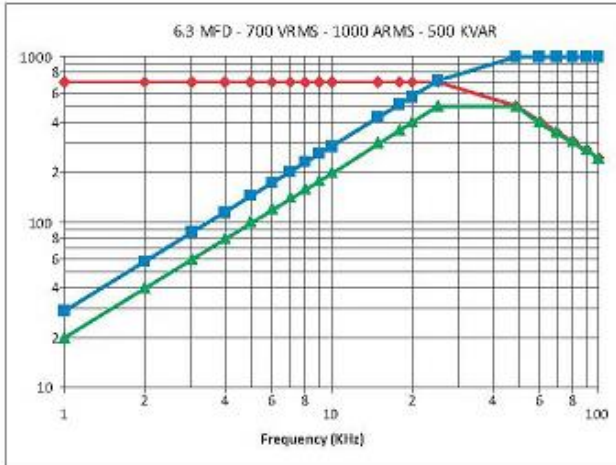
# LC5

## High Power Resonant Capacitors



### Frequency Derating

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



Americas / EU  
 Phone: 1-508-996-8561  
 Email: cdena@cde.com



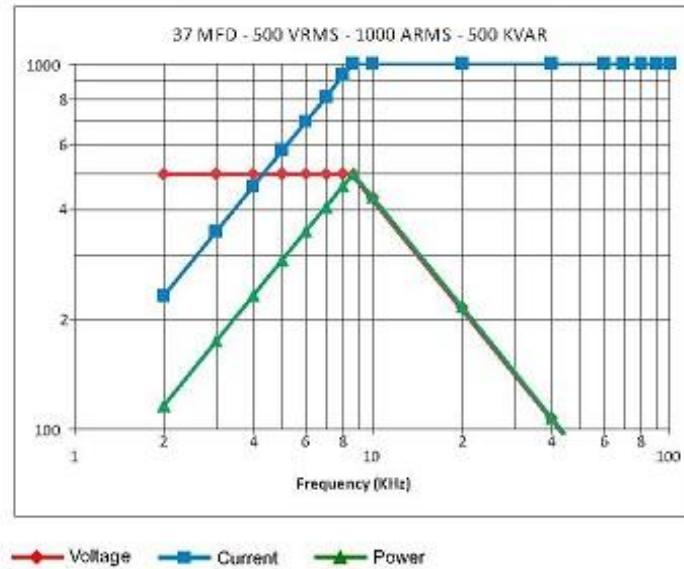
Asia  
 Phone: 852-2793-0931  
 Email: cdeasia@cde.com

# LC5

## High Power Resonant Capacitors



### Frequency Derating



Americas / EU  
 Phone: 1-508-996-8561  
 Email: cdena@cde.com



Asia  
 Phone: 852-2793-0931  
 Email: cdeasia@cde.com

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Film Capacitors](#) category:*

*Click to view products by [Cornell Dubilier](#) manufacturer:*

Other Similar products are found below :

[F450KG153J250ALH0J](#) [750-1018](#) [FKP1-1000160010P15](#) [FKP1-1500160010P15](#) [82EC1100DQ50K](#) [MMWAF150KME](#)  
[PFR5101J100J11L16.5TA18](#) [PME261JB5220KR19T0](#) [A521HH333M035C](#) [QXJ2E474KTPT](#) [QXL2B333KTPT](#) [QXM2G104K](#) [DMT2P22](#)  
[EEC2G505HQA406](#) [B32520C6332K000](#) [B32522C6104K000](#) [B32523Q3155J](#) [B32676E6755K](#) [C3B2AD44400B20K](#) [217-0716-001](#) [KP1830-](#)  
[247/061-G](#) [SCD105K122A3-22](#) [2N3155](#) [F601BL225K063CL60A](#) [FKP1-2202KV5P15](#) [FKS3-680040010P10](#) [445450-1](#) [B32523Q0475K000](#)  
[46KR415050M1K](#) [4BSNBX4100ZBFJ](#) [4DCNAQ4450ZA0J](#) [MKP383510063JKP2T0](#) [MKT 1813-368-015](#) [MKT182022263473](#) [4055292001](#)  
[WMC08P22](#) [WMF1S15](#) [WMF4S68](#) [EEC2E106HQA405](#) [EEC2G805HQA415](#) [82DC3100DQ50J](#) [82DC4100AA60K](#) [82EC2150DQ50K](#)  
[WMF4D68](#) [WMF1D68](#) [PHE841ED6150MR17T0](#) [B25620B118K883](#) [B25620B158K883](#) [66MD2100CK7AK](#) [97F8038](#)