

# LC3

## High Power Resonant Capacitors



### FEATURES

High AC Voltage - High Current

### APPLICATIONS

Induction Heating - Tank Circuits

KVAR	300
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	
0.1	1000	<a href="#">104LC3102KL505HM6</a>	350	300	476-649	1.2	34	50	50	5HM6
0.2	1000	<a href="#">204LC3102KL505HM6</a>	500	300	238-423	1.2	34	50	50	5HM6
0.25	700	<a href="#">254LC3700KL505HM6</a>	500	300	390-530	1.2	34	50	50	5HM6
0.33	700	<a href="#">334LC3700KL505HM6</a>	500	300	295-401	1	34	50	50	5HM6
0.66	700	<a href="#">664LC3700KL505HM6</a>	500	300	147-200	0.8	34	50	50	5HM6
1	600	<a href="#">105LC3600KL505HM6</a>	650	300	132-223	0.5	34	50	50	5HM6
1.2	600	<a href="#">125LC3600KL505HM6</a>	650	300	111-187	0.5	34	50	50	5HM6
1.32	600	<a href="#">135LC3600KL505HM6</a>	650	300	100-170	0.3	34	50	50	5HM6
2.4	500	<a href="#">245LC3500KL505HM6</a>	650	300	80-97	0.2	34	50	50	5HM6
0.25	700	<a href="#">254LC3700K5LM8</a>	500	300	390-530	1.2	34	78	78	5LM8
0.33	700	<a href="#">334LC3700K5LM8</a>	500	300	295-401	1	34	78	78	5LM8
0.66	700	<a href="#">664LC3700K5LM8</a>	500	300	147-200	0.8	34	78	78	5LM8
1	600	<a href="#">105LC3600K5LM8</a>	650	300	132-223	0.5	34	78	78	5LM8
1.2	600	<a href="#">125LC3600K5LM8</a>	650	300	111-187	0.5	34	78	78	5LM8
1.32	600	<a href="#">135LC3600K5LM8</a>	650	300	100-170	0.3	34	78	78	5LM8
2.4	500	<a href="#">245LC3500K5LM8</a>	650	300	80-97	0.2	34	78	78	5LM8
2.6	500	<a href="#">265LC3500K5LM8</a>	650	300	72-85	0.2	34	78	78	5LM8
5	400	<a href="#">505LC3400K5LM8</a>	800	300	59-67	0.1	34	78	78	5LM8

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



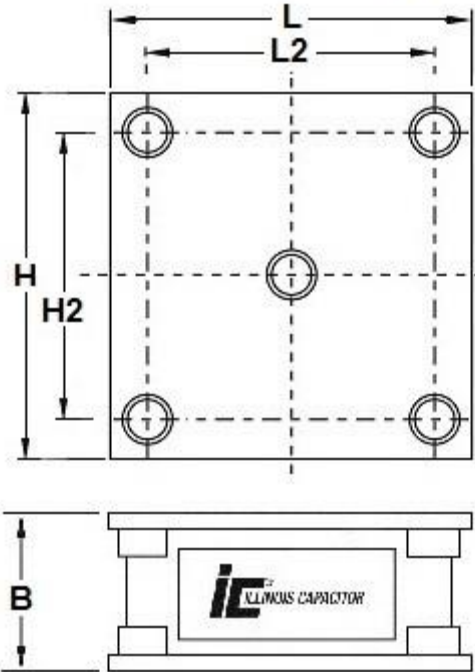
Asia  
Phone: 852-2793-0931  
Email: cdeasia@cde.com

# LC3

## High Power Resonant Capacitors



LEAD STYLE: 5HM6, 5LM8



Style	L	H	B	H2	L2	Mounting Holes
5HM6	50±1.0	50±1.0	34±0.5	36	36	M6 Tap
5LM8	78±1.0	78±1.0	34±0.5	62	62	M8 Tap

Tightening Torque: 20Nm MAX

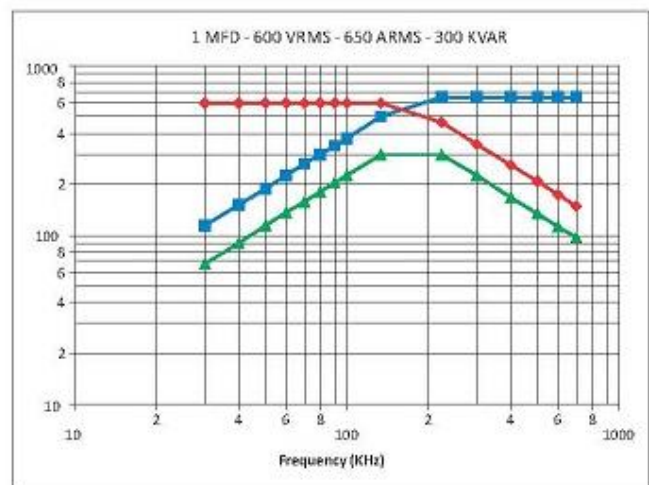
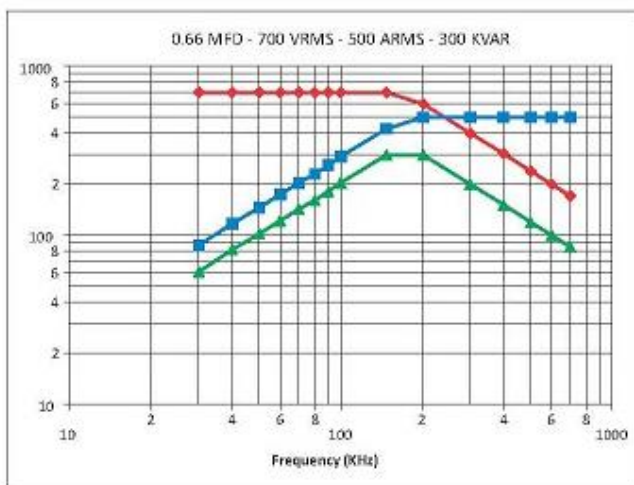
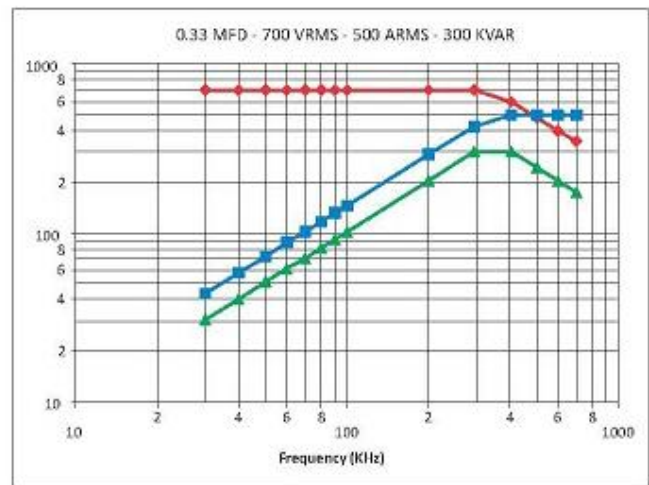
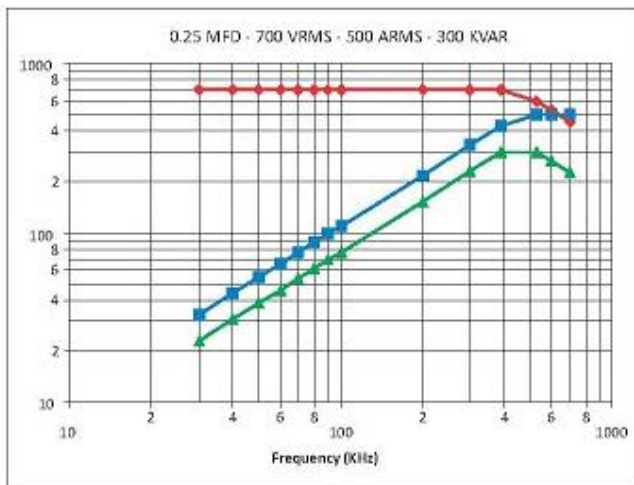
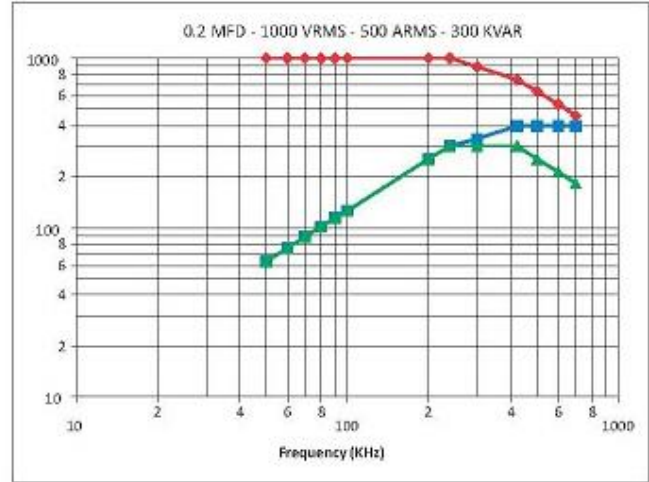
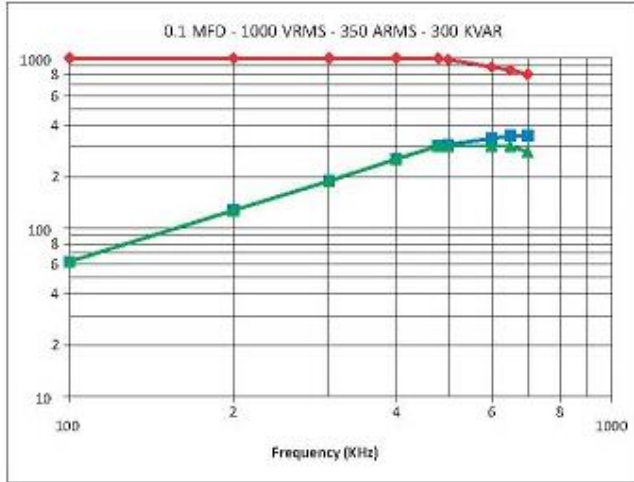
# LC3

## 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

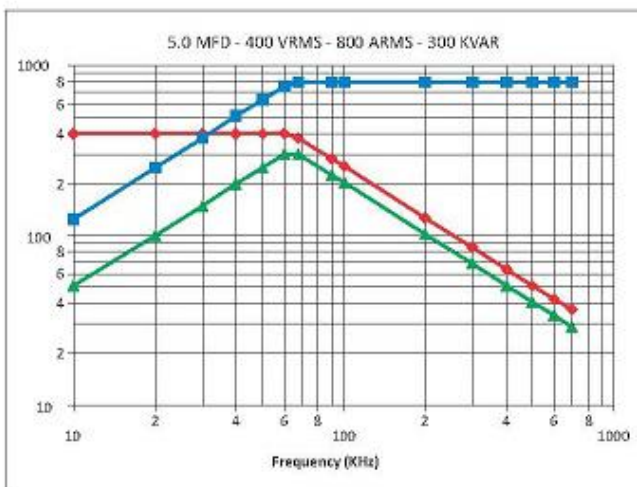
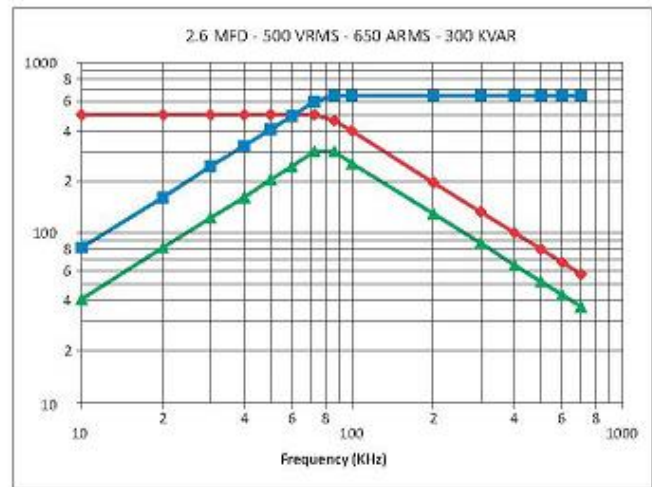
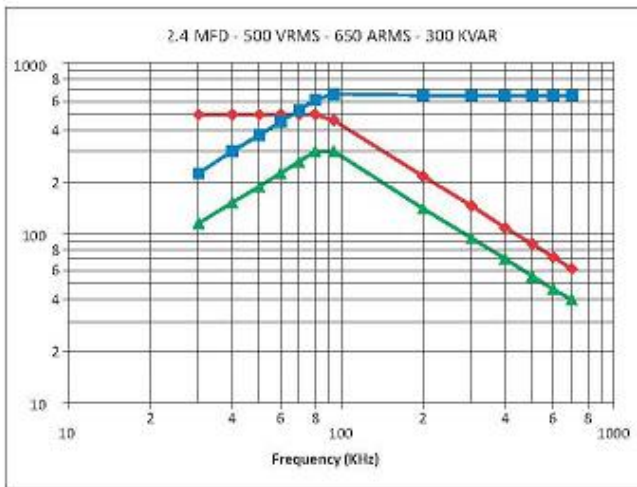
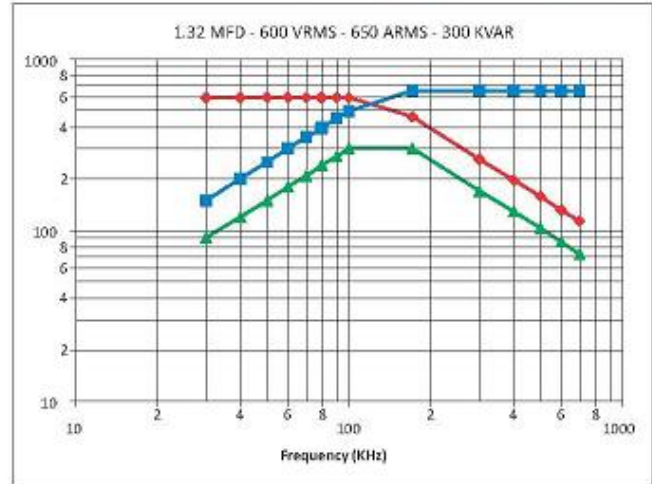
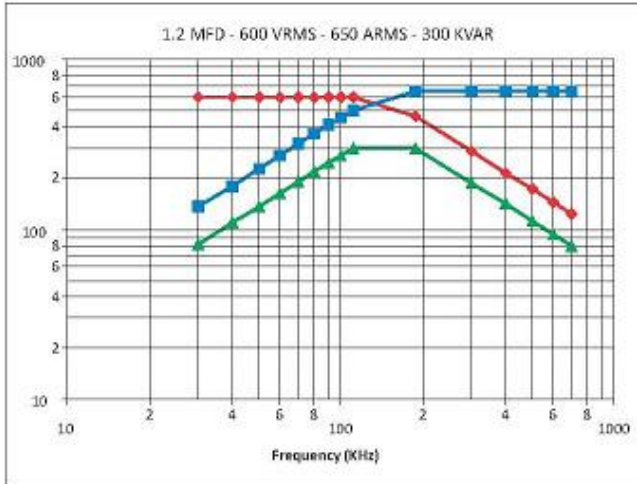
# LC3

## 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

## 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](#)