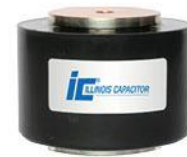


# HC5

## 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
							D	H	d	
1.2	1100	<a href="#">125HC5112KR</a>	600	500	55-96	1.5	80	71.5	60	R
1.4	1100	<a href="#">145HC5112KR</a>	600	500	46-83	1.2	80	71.5	60	R
3.0	750	<a href="#">305HC5750KR</a>	800	500	47-68	1.1	80	71.5	60	R
3.3	750	<a href="#">335HC5750KR</a>	800	500	43-62	1.0	80	71.5	60	R
4.0	900	<a href="#">405HC5900KR</a>	700	500	25-39	0.9	102	71.5	60	R
5.6	700	<a href="#">565HC5700KR</a>	1000	500	29-57	0.9	80	71.5	60	R
6.3	700	<a href="#">635HC5700KR</a>	1000	500	26-51	0.8	80	71.5	60	R
8.5	700	<a href="#">855HC5700KR</a>	1000	500	19-38	0.7	88	71.5	60	R
10	700	<a href="#">106HC5700KR</a>	1000	500	16-32	0.6	95	71.5	60	R
21	500	<a href="#">216HC5500KR</a>	1000	500	15	0.4	80	71.5	60	R
27	550	<a href="#">276HC5550KR</a>	1000	500	10-12	0.3	102	71.5	60	R
33	500	<a href="#">336HC5500KR</a>	1000	500	10	0.3	102	71.5	60	R
37	500	<a href="#">376HC5500KR</a>	1000	500	9	0.2	102	71.5	60	R

#### Americas / EU

Phone: 1-508-996-8561

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



**CORNELL  
DUBILIER**



#### Asia

Phone: 852-2793-0931

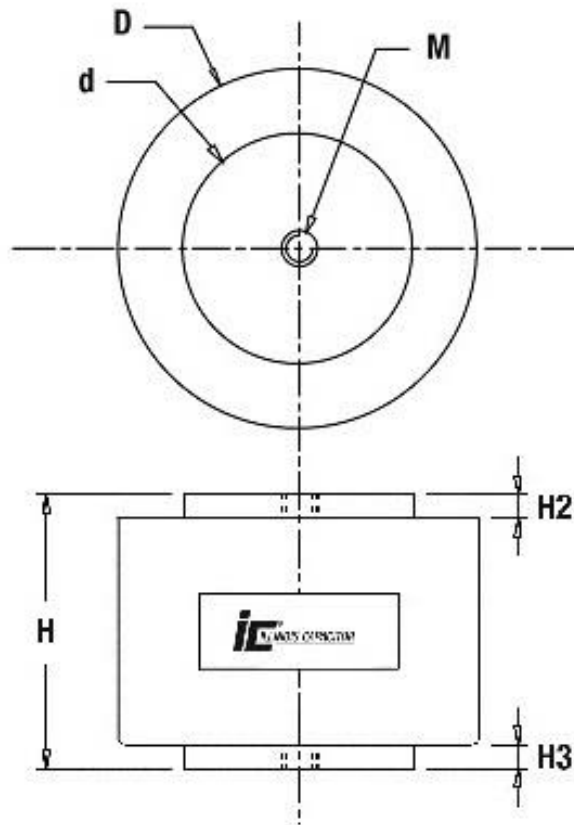
Email: [cdeasia@cde.com](mailto:cdeasia@cde.com)

# HC5

## High Power Resonant Capacitors



### Terminal Style: R



D	H	d	H2	H3
80 <sub>+1</sub>	71.5 <sub>+0.1</sub>	60 <sub>+1</sub>	6 <sub>+0.5</sub>	6 <sub>+0.5</sub>
88 <sub>+1</sub>				
95 <sub>+1</sub>				
102 <sub>+1</sub>				
Mounting holes (M): M8x1.25, 9.5mm deep with SS helicoil				
Terminations: Copper finish Rz6.3				
Tightening torque: 15Nm Max				

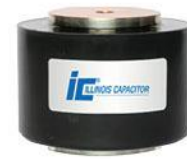
Americas / EU  
 Phone: 1-508-996-8561  
 Email: cdena@cde.com



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

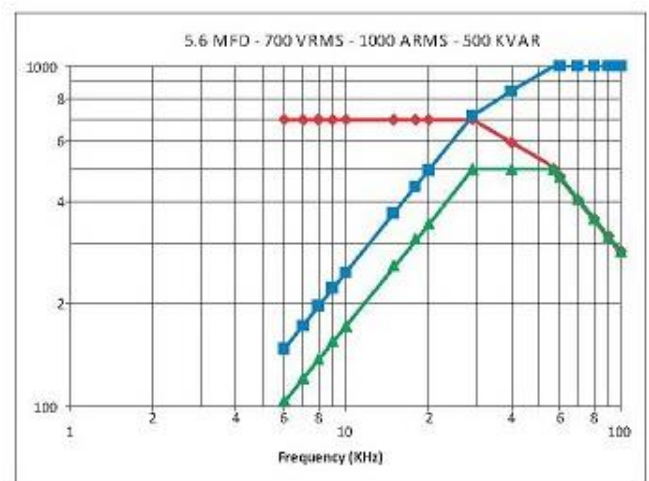
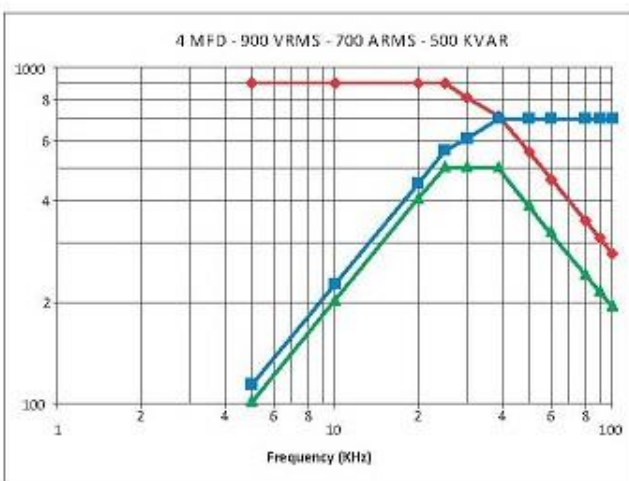
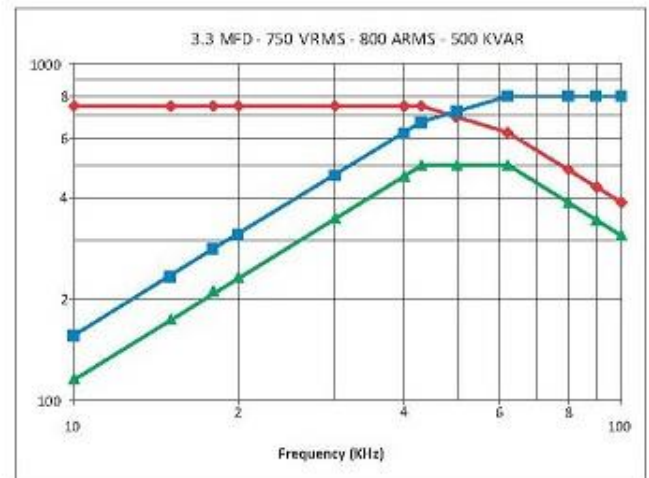
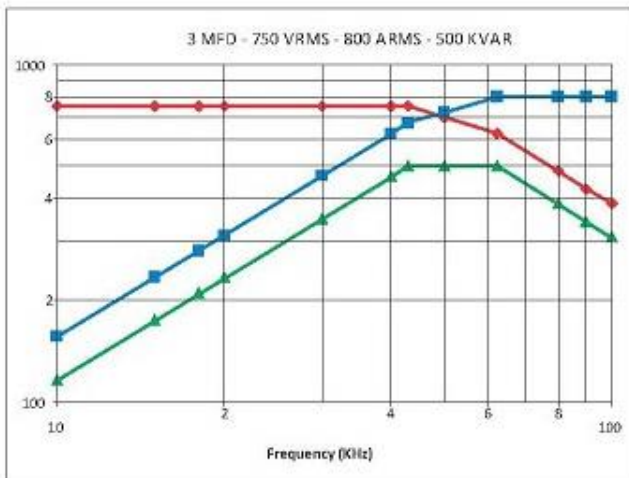
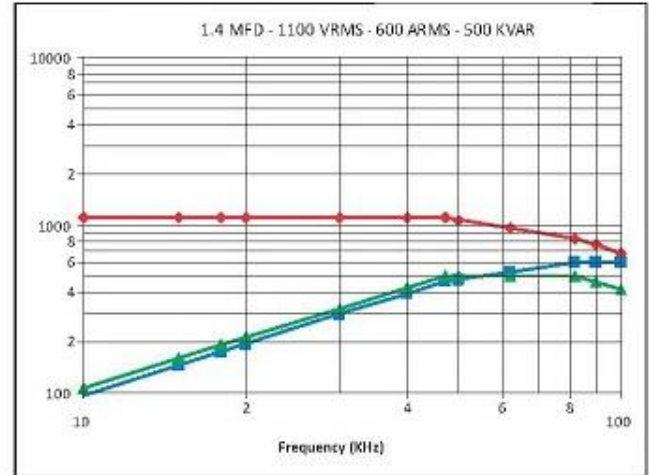
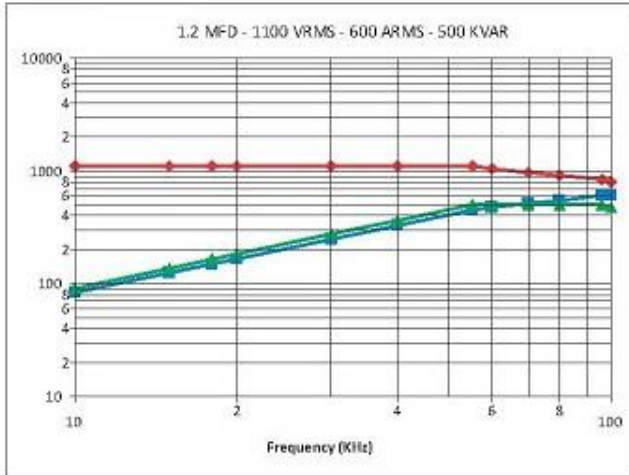
# HC5

## High Power Resonant Capacitors



### Frequency Derating

— Voltage — Current — Power



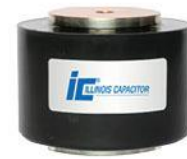
Americas / EU  
 Phone: 1-508-996-8561  
 Email: cdena@cde.com



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

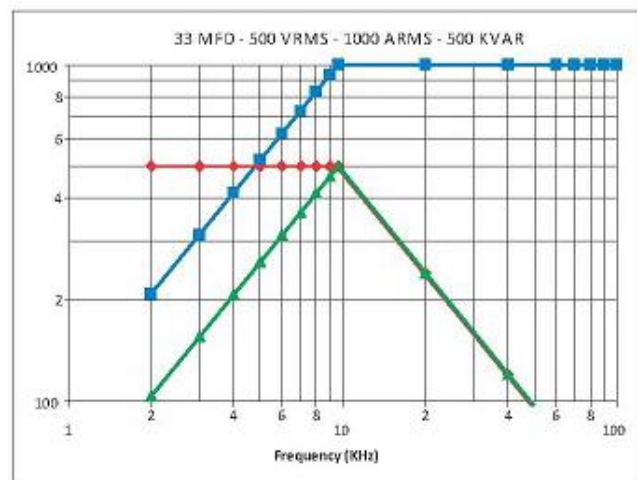
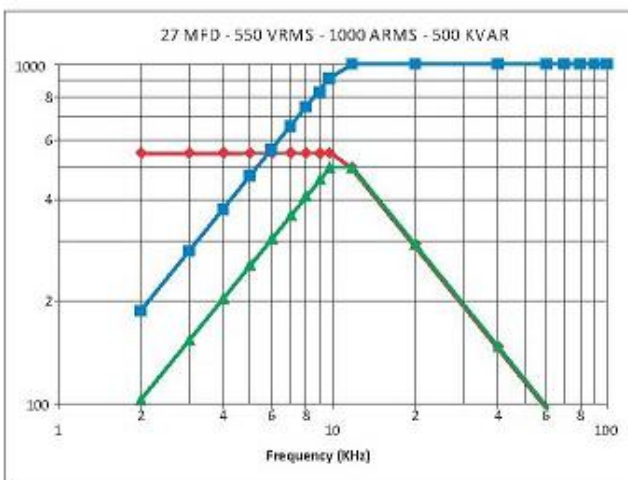
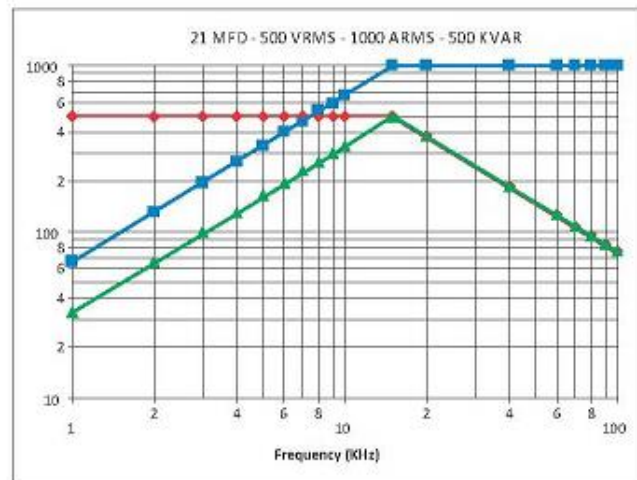
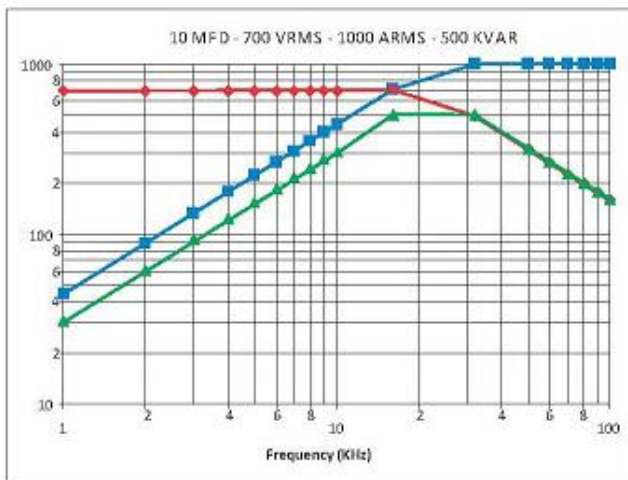
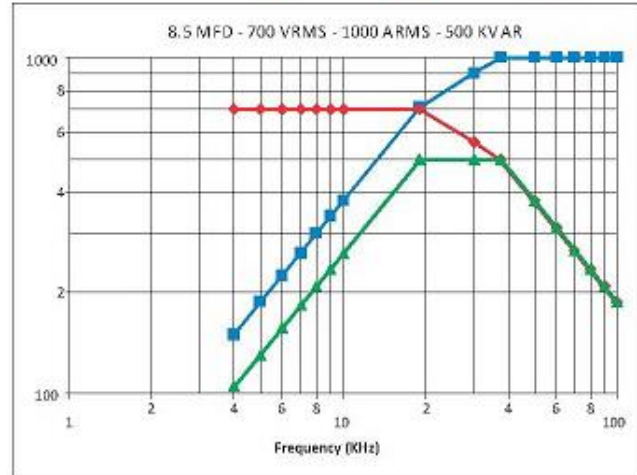
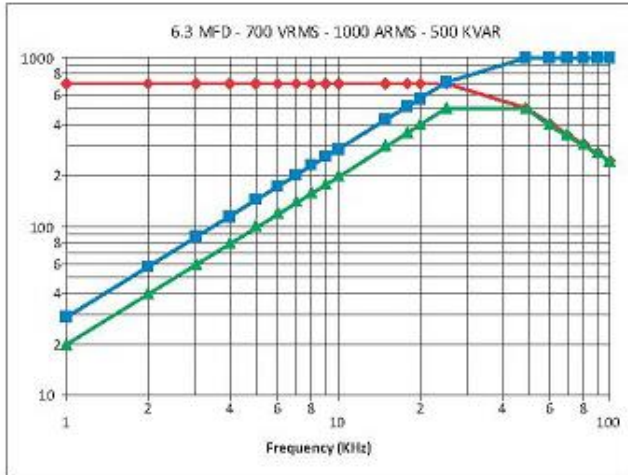
# HC5

## 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

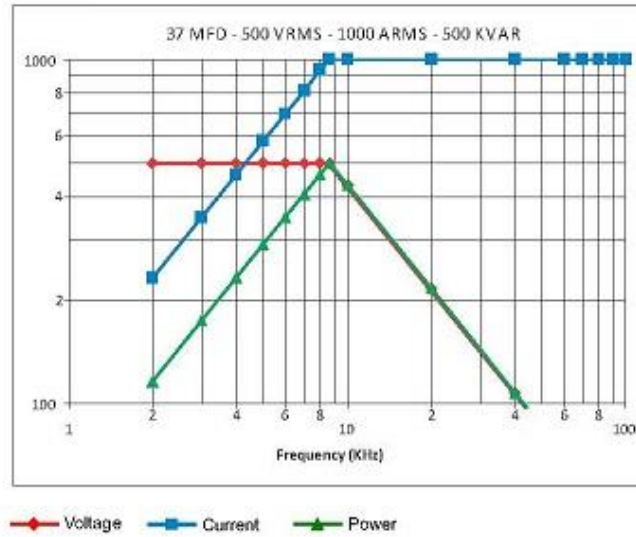


# HC5

## 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](#)