

The C700T is a High Voltage version of the most popular C500T, this new series comes in capacitance values from 5 $\mu$ F to 85 $\mu$ F. The new capacitors offer voltages up to 1000Vrms and currents up to 1400Arms. Starting on mid April 2013, Celem supplies a new version of C700T with 5 mounting holes on each electrode. The new version of C700T is fully compatible with the previous version.

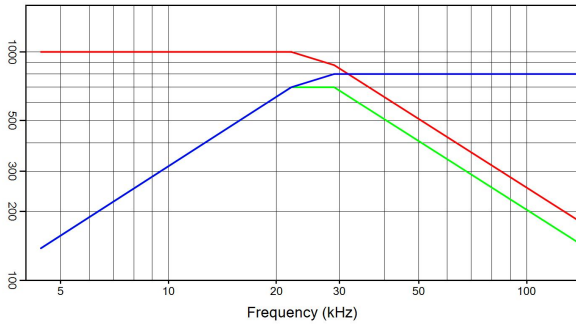
## Specifications

Type		C700T						
Dimensions (D x H)	mm	Ø128						
Weight	kg	1.9		2	1.9	2	2.1	2.2
Capacitance ( $\pm 10\%$ )	$\mu$ F	5 $\mu$ F	9 $\mu$ F	14 $\mu$ F	19 $\mu$ F	27 $\mu$ F	46 $\mu$ F	85 $\mu$ F
Sinusoidal Voltage	V <sub>rms</sub>	1000	900	850	800	700	600	500
Peak Voltage	V	1410	1269	1198	1128	987	846	705
Max. Current	A <sub>rms</sub>	800	900	1000		1100	1200	1400
Max. Power	kVA <sub>r</sub>	700						
Freq Range @ Full Power	kHz	22-29	15-20	11-16	9-11	8-10	6-7	5-5
Stray Inductance	nH	<10						

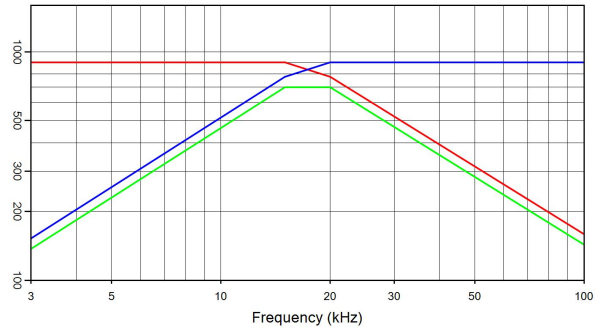
# C700T

Conduction-cooled capacitor

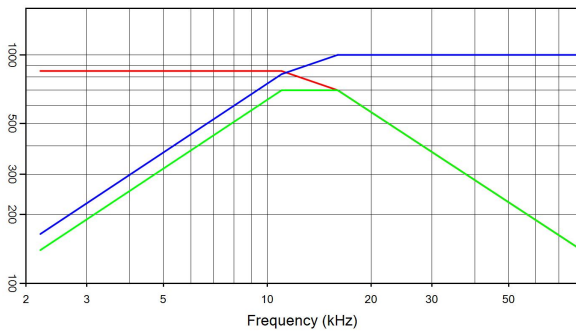
Technology Patented Worldwide



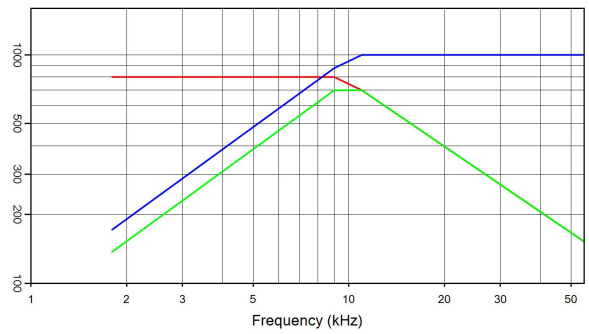
**C700T 5 µF 1000 V<sub>rms</sub> 800 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



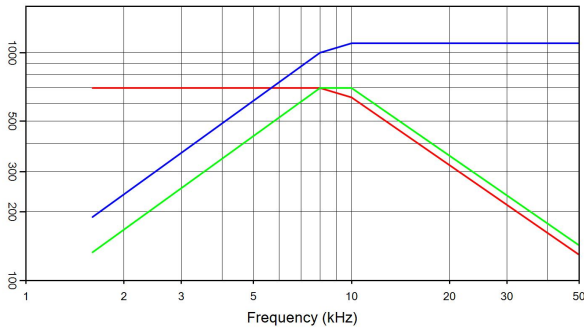
**C700T 9 µF 900 V<sub>rms</sub> 900 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



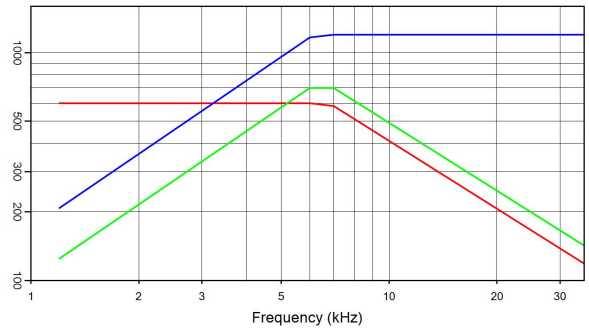
**C700T 14 µF 850 V<sub>rms</sub> 1000 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



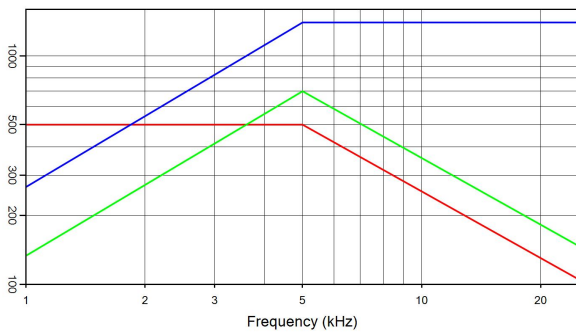
**C700T 19 µF 800 V<sub>rms</sub> 1000 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C700T 27 µF 700 V<sub>rms</sub> 1100 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C700T 46 µF 600 V<sub>rms</sub> 1200 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>



**C700T 85 µF 500 V<sub>rms</sub> 1400 A<sub>rms</sub> 700 kVA<sub>r</sub>**  
 I(A) — Q(kVA<sub>r</sub>) — V<sub>rms</sub> — V<sub>rms</sub>

Celem Power Capacitors

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