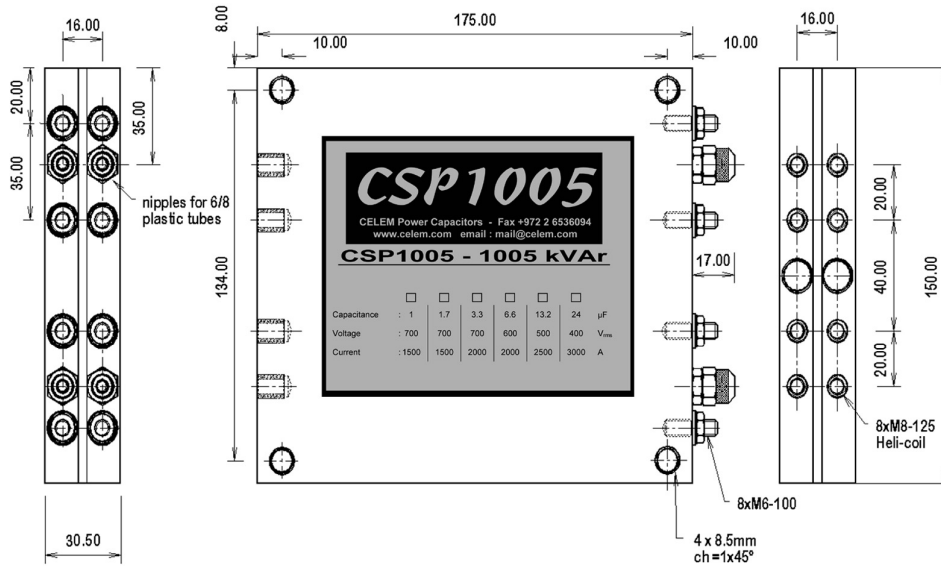


CSP 1005

Water-cooled capacitor

Technology Patented Worldwide



The high-frequency CSP 1005 water-cooled capacitor provides 1000 kVAR at up to 700V. This heavy duty capacitor is a popular building block for ultra high power applications that require a combination of several capacitors. Celem customers have reported combinations of up to 50 capacitors in one system.

Specifications

TYPE		CSP 1005							
Dimensions (L x W x H)	mm	175x150x30.5							
Weight	kg	4.2							
Capacitance ($\pm 10\%$)	μF	0.5	1	1.7	3.3	5	6.6	13.2	24
Sinusoidal Voltage	V_{rms}	700			600		500	400	
Peak Voltage	\hat{V}	990			850		710	570	
Max. Current	A_{rms}	1500			2000		2500	3000	
Max. Power	kVA_r	1000							
Freq Range @ Full Power	kHz	650-700	325-358	191-211	98-193	88-127	67-96	48-75	41-60
Stray Inductance	nH	< 5							
Freq Limit	kHz	700							

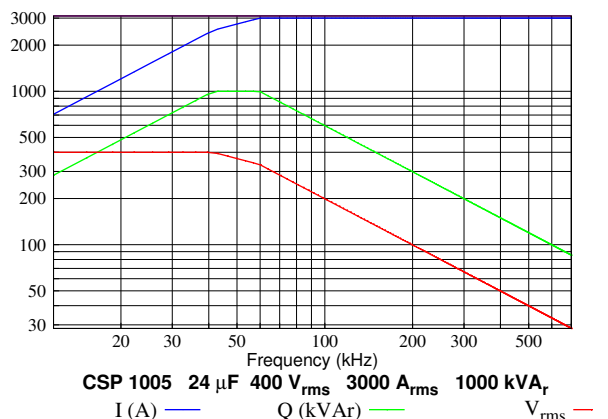
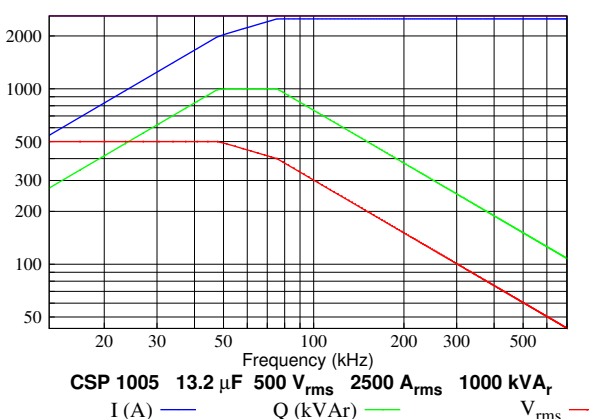
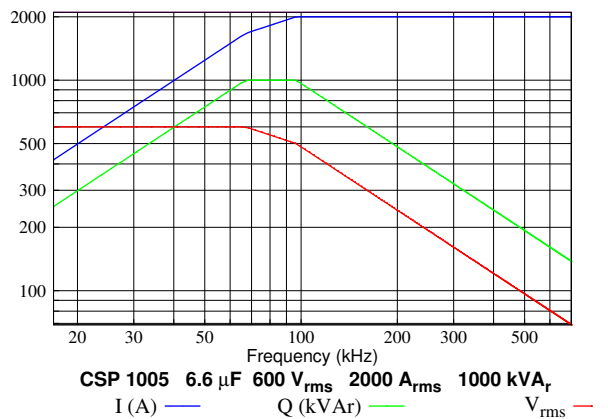
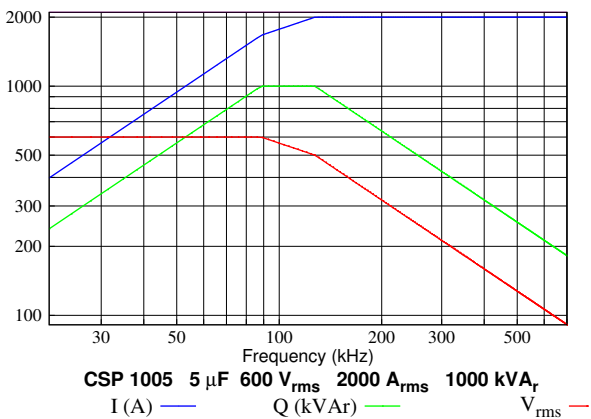
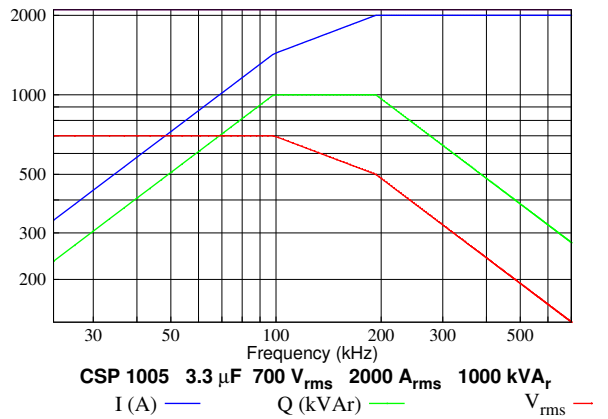
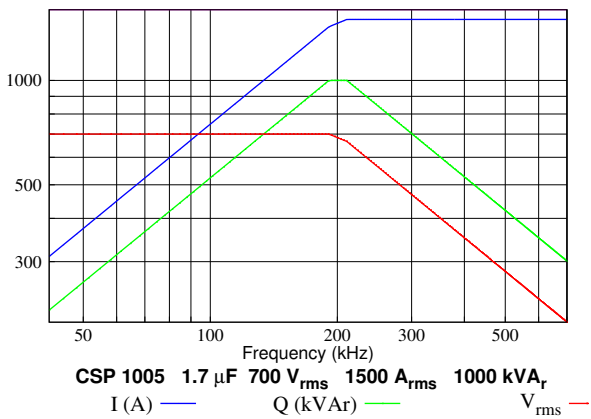
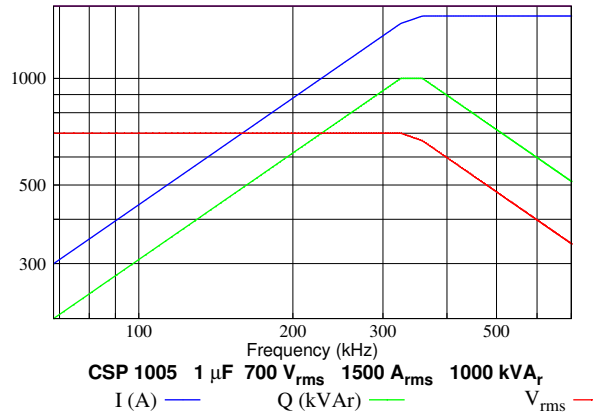
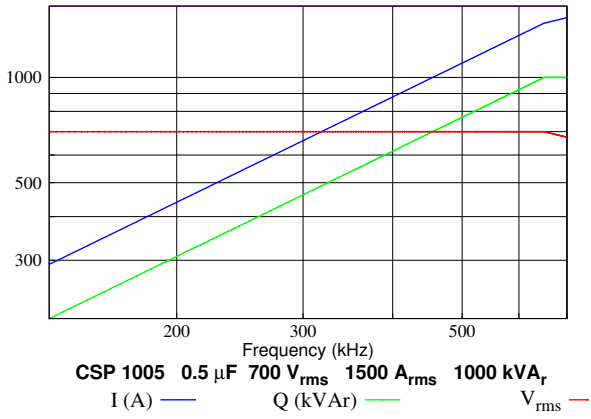
Celem Power Capacitors

Produced: March 17, 2009

CSP 1005

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