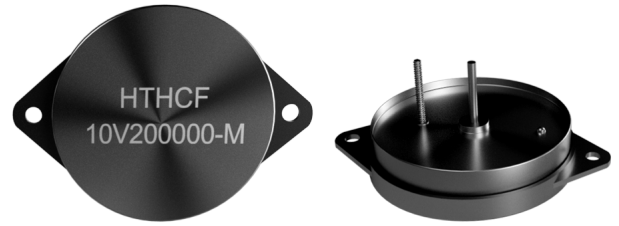


High Energy Tantalum Hybrid Capacitor With Mounting Flange - HTHCF Series

◆Features:

1. All tantalum shell, hermetic seal, lead out in the same direction, polarized, with flange junction structure, easy to install.
2. The product is a hybrid capacitor composed of tantalum electrolytic capacitors and electrochemical capacitors device, small in size and large in energy storage, it is the first innovative product in China.
3. Excellent and stable electrical performance, high reliability, long life, high energy density per unit volume.



◆Specifications:

1. Operating Temperature Range: -55°C~ +125°C. For the Derated Design please see guide line on page 4~6
2. Capacitance Tolerance: K: ± 10%, M: ± 20%
3. Storage temperature: -62°C ~ +130 °C

◆Electrical Characteristics

Table 1 Rated Voltage, Category Voltage, Surge Voltage, Nominal Capacitance and Main Features

Rated Voltage(V)	Category Voltage(V)	Surge Voltage(V)	Nominal Capacitance (μF)	tg δ (%)	ESR (Ω) 1kHz	Leakage Current max(μA)			Impedance max (Ω) 100Hz		Capacitance Variation(%)		Dimension D X H (mm)	Max Weight (g)
						25°C	85°C	125°C	-55°C	-55°C	85°C			
10	6	11	50000	180	0.05	150	900	1.0	-75	140	35.5×8	67		
			100000	180	0.035	300	1800		-80	160	35.5×12	90		
			150000		0.025							35.5×16	115	
			200000	190	0.025	400	1800		-80	160	35.5×20	160		
			230000									35.5×24	180	
16	9.5	17.6	30000	160	0.05	150	900	1.0	-70	140	35.5×8	67		
			60000	165	0.035	300	1800		-80	160	35.5×12	90		
			90000		0.025							35.5×16	115	
			120000	170	0.025	400	1800		-80	160	35.5×20	160		
			140000									35.5×24	180	
25	15	27.5	18000	120	0.05	150	900	1.0	-65	120	35.5×8	67		
			36000	130	0.040	300	1800		-75	160	35.5×12	90		
			54000		0.035							35.5×16	115	
			70000	140	0.025	400	1800		-75	160	35.5×20	160		
			86000									35.5×24	180	
35	20	38.5	12000	90	0.065	150	900	1.0	-50	120	35.5×8	67		
			24000	95	0.040	300	1800		-70	160	35.5×12	90		
			36000		0.035							35.5×16	115	
			50000	100	0.025	400	1800		-70	160	35.5×20	160		
			60000									35.5×24	180	
50	30	55	8000	65	0.07	170	1000	1.2	-40	120	35.5×8	67		
			16000	70	0.040	400	2400		-55	135	35.5× 12	90		
			24000		0.035							35.5×16	115	
			30000									35.5×20	160	
			32000	75	0.025	400	1600		-60	160	35.5×20	160		
			33000									35.5×24	180	