

Electrolytic Capacitors - DKMJ

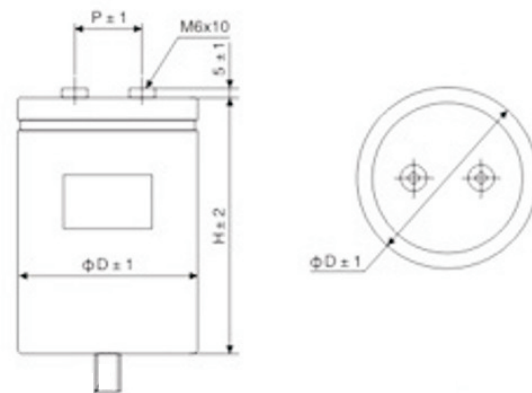
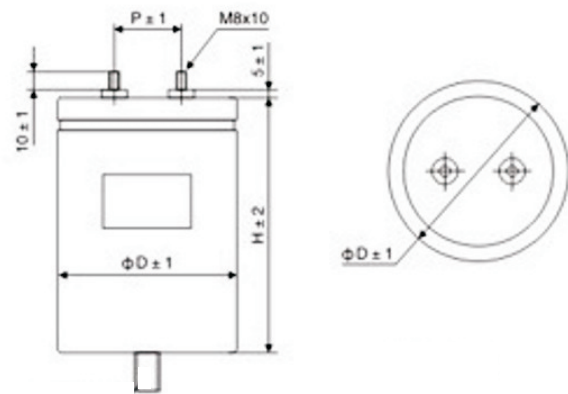
Application

Products are suitable for photovoltaic and wind power inverter, high-voltage inverter. High frequency switching power supply UPS uninterruptible power supply, EPS emergency power supply, DC regulated power supply. Reactive power compensator SVG. Active power filter APF. EV and HEV's smoothing filter.

Characteristics

It selects the advanced self-healing metalized safety film, resin filling, dry structure. Product performance is stable, safety and reliable. Small ESR, which can withstand larger ripple currents. Low ESL, long. life.

TECHNICAL SPECIFICATION			
Configuration	Aluminum Shell, Dry, Flame Retardant and Protective Device	Testing Voltage	T-T: 1.5Un 10s 25°C
			T-C: 2Un+ 1000VAC 60s 25°C
Temperature	(-)40°C to 85°C	Equivalent Series Resistance (ESR)	0.8 to 3.0m Ω
Capacitance Tolerance	±5% / ±10%		Equivalent Series Inductance (ESL)
Dissipation Factor	Tan δ<=0.003(at 100Hz 1V)	Expected Service Life	100.000





SPECIFICATION OF MAIN PRODUCTS											
Rated Voltage (VDC)	Rated Capacitance (uF)	Equivalent Series Resistance (mΩ)	Equivalent Series Inductance (nH)	Rth (K/W)	Peak Value Current (A)	Imax (A)		Overall Size (mm)			Weight (kg)
						45°C	60°C	D (ø)	H	P	
420	65	1.9	60	4.7	3250	65	52	116	115	50	1.3
600	96	1.5	55	4.2	4750	65	63	116	125	50	1.4
	1500	1.0	60	5.0	4800	65	70	116	175	50	2.0
800	490	2.6	65	4.7	3370	51	46	116	129	50	1.5
	600	2.5	62	3.2	2400	55	45	86	175	32	1.1
	960	1.0	59	4.8	5840	79	66	116	125	50	1.4
	1600	0.9	55	3.0	13800	90	90	116	175	50	2.0
900	290	2.0	55	5.6	2900	59	47	85	125	32	0.8
	440	2.7	62	4.6	3230	54	44	100	125	32	1.1
	580	2.2	65	4.6	4060	65	49	116	125	50	1.4
	750	1.6	55	4.3	6750	65	60	100	159	32	1.4
	850	1.5	58	4.8	6370	80	61	100	175	32	1.5
	920	1.2	60	5.0	5880	80	64	116	175	50	2.0
	1000	0.9	50	3.6	10800	90	87	116	159	50	1.8
	1100	0.8	57	3.5	8800	80	63	116	175	50	2.0
	1200	1.4	65	4.9	7200	80	60	140	140	50	2.3
	1500	1.7	65	3.9	9650	98	90	116	225	50	2.6
	1700	1.3	65	3.4	10500	100	81	140	175	50	2.9
2300	0.8	65	2.0	19800	100	100	140	225	50	3.8	
1100	170	2.3	55	5.6	2160	55	44	88.5	70	32	0.5
	420	2.0	65	4.0	4200	61	40	86	136	32	1.0
	450	1.1	55	5.4	4600	80	69	116	95	50	1.1
	500	2.3	56	4.0	4500	65	42	86	175	32	1.1
	750	1.3	60	3.0	6000	65	65	116	140	50	1.6
	840	0.9	54	1.9	6300	100	96	116	158	50	1.8
	980	1.0	55	2.1	7350	100	100	116	195	50	2.2
	1000	0.9	50	2.6	10560	100	100	116	197	50	2.3
	1200	0.9	50	2.7	10800	100	100	116	225	50	2.6
	1900	0.9	65	2.0	17600	100	100	140	225	50	3.8
1200	350	3.0	65	4.6	3300	65	42	85	185	32	1.1
	450	1.7	58	4.6	4520	73	55	116	129	50	1.5
	500	1.6	60	5.0	4500	70	55	116	145	50	1.7
	750	1.0	55	3.0	7660	96	82	116	196	50	2.3
	940	0.8	65	5.5	10000	100	100	140	175	50	2.9
1300	88	2.6	50	4.4	1320	46	29	85	70	32	0.4
	100	2.8	54	5.1	1590	49	34	85	70	32	0.4
	150	3.7	60	4.7	2040	47	37	85	125	32	0.8
	300	1.8	54	4.3	4000	65	55	100	125	32	1.1
	420	1.6	60	5.0	4300	71	55	116	125	50	1.4
	470	1.8	65	4.9	5200	67	53	116	175	50	2.0
	660	1.4	62	3.5	6220	96	75	116	175	50	2.0
	990	1.0	60	1.9	12600	100	93	140	175	50	2.9
	1300	1.0	65	2.0	15000	100	100	140	225	50	3.8
1500	70	3.3	55	5.6	1440	46	36	85	70	32	0.4
	720	1.0	50	2.7	7800	94	75	140	175	50	2.9
	940	1.5	60	3.0	8000	95	80	140	197	50	3.3
1800	250	2.2	65	3.4	5030	65	52	116	125	50	1.4
2200	420	1.2	60	2.2	12540	100	80	140	225	50	3.9
2600	290	1.2	60	2.2	10420	98	78	140	225	50	3.9
3000	210	1.3	60	2.2	8820	96	75	140	225	50	3.9