



尺寸 Dimensions

Table with columns for WV, CAP(μF), and voltage ratings (63V, 100V, 160V, 200V, 250V, 350V) with sub-columns for Size and Ripple.

Table with columns for WV, CAP(μF), and voltage ratings (400V, 450V, 500V) with sub-columns for Size and Ripple.

Size φD×L(mm) Maximum Allowable Ripple Current (mA rms) at 85°C 120Hz

KM 系列 Series

特点 Features

- 宽温度产品, 105°C, 1000小时寿命, 体积小, 容量大. Wide temperature range, 105°C, Load life: 1000 hours, small size, large capacity.
适用于开关电源、适配器、DVD、背投影电、空调等线路中。 Used in Smpls, Adapter, DVD, color-TV, air conditioning circuits etc.
RoHS指令已对应完毕。 Adapted to the RoHS directive.



主要技术性能 Specifications

Table with columns for Items and Characteristics, containing detailed technical specifications for operating temperature, voltage range, capacitance, leakage current, and dissipation factor.

外形图及尺寸表 Case Size Table

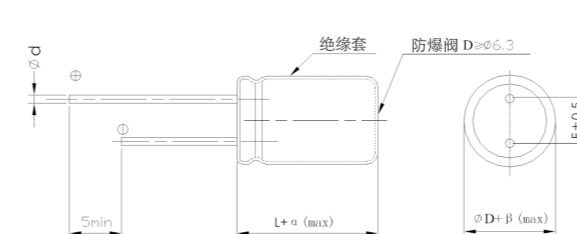


Table with columns for dimensions (D, F, d) and parameters (αMAX, βMAX) with corresponding values for different capacitor sizes.



频率修正系数 Frequency Coefficient

Table with columns: Rated Voltage(V), Freq.(Hz), CAP(μF), 50, 120, 300, 1K, 10K, 100K. Rows include frequency ranges like ~47, 100~470, ≥560 and voltage ranges like 6.3~100, 160~450.

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Large table with columns: WV, CAP(μF), Size, Ripple for various voltage ratings (6.3V, 10V, 16V, 25V, 35V, 50V) and capacitor values (0.1 to 22000 μF).

Size φD×L(mm) Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

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尺寸 Dimensions

Table with columns: WV, CAP(μF), Size, Ripple for voltage ratings 63V(1J), 100V(2A), 160V(2C), 200V(2D), 220V(2P) and capacitor values (0.1 to 3300 μF).

Table with columns: WV, CAP(μF), Size, Ripple for voltage ratings 250V(2E), 350V(2V), 400V(2G), 420V(2M), 450V(2W) and capacitor values (0.47 to 220 μF).

Size φD×L(mm) Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

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频率修正系数 Frequency Coefficient

Rated Voltage(V)	Freq.(Hz)		50	120	300	1K	10K	100K
	CAP(μF)							
6.3~100	~47		0.75	1.00	1.35	1.57	2.00	2.30
	100~470		0.80	1.00	1.23	1.34	1.50	1.65
	≥560		0.85	1.00	1.10	1.13	1.15	1.40
160~450	0.47~4.7		0.65	1.00	1.35	1.75	2.30	2.50
	6.8~82		0.75	1.00	1.25	1.50	1.75	1.80
	≥100		0.80	1.00	1.15	1.30	1.40	1.50

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CAP(μF)		WV		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)	
				Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1	0R1											5×11	3		
0.22	R22											5×11	4		
0.33	R33											5×11	5		
0.47	R47											5×11	6		
1	010											5×11	13		
2.2	2R2											5×11	20		
3.3	3R3											5×11	30		
4.7	4R7					5×11	20	5×11	20			5×11	40		
10	100	5×11	20			5×11	35	5×11	40	5×11	40	5×11	55		
22	220			5×11	50	5×11	55	5×11	60	5×11	65	5×11	80		
33	330	5×11	55	5×11	60	5×11	65	5×11	75	5×11	80	5×11	100		
												6.3×11	115		
47	470	5×11	65	5×11	70	5×11	80	5×11	85	5×11	100	6.3×11	135		
												8×11.5	160		
100	101	5×11	95	5×11	105	5×11	125	6.3×11	160	6.3×11	170	8×11.5	230		
								6.3×11	140		8×11.5	200			
220	221	5×11	150	6.3×11	170	6.3×11	215	8×11.5	285	8×11.5	300	10×16	510		
		6.3×11	170					8×11.5	250						
330	331	6.3×11	215	6.3×11	240	8×11.5	315	8×11.5	340	10×12.5	420	10×16	590		
				8×11.5	280					10×16	470				
470	471	8×11.5	260	6.3×11	285	8×11.5	365	10×12.5	470	10×16	545	10×20	710		
				8×11.5	330	10×12.5	430			10×20	590				
680	681	8×11.5	365	8×11.5	410	8×16	465	10×16	620	10×20	680	12.5×20	925		
						10×12.5	480								
1000	102	8×11.5	445	8×16	550	10×16	680	10×20	820	12.5×20	1025	12.5×25	1290		
				10×12.5	570										
1500	152			10×16	630	10×20	750	12.5×20	900	12.5×25	1125				
2200	222	10×16	740	10×20	900	12.5×20	1110	12.5×25	1460	16×25	1500	16×35	1230		
				12.5×20	950					18×20	1460				
3300	332	10×20	1030	12.5×20	1205	12.5×25	1390	16×25	1645	16×30	1810	18×35	2165		
4700	472	12.5×20	1280	12.5×25	1490	16×25	1740	16×30	1840	18×35	2335	22×40	2650		
6800	682	12.5×25	1550	16×25	1825	16×30	2080	16×35	2100						
10000	103	16×25	1900	16×30	1980	16×35	2380	18×35	2500						
15000	153	16×30	2190	16×40	2180	18×35	2600								
22000	223	18×35	2400	18×40	2410										

Size φD×L(mm)
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

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CAP(μF)		WV		63V(1J)		100V(2A)		160V(2C)		200V(2D)		220V(2P)	
				Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.1	0R1					5×11	3						
0.22	R22					5×11	4						
0.33	R33					5×11	5						
0.47	R47					5×11	10						
1	010					5×11	16						
2.2	2R2					5×11	23			6.3×11	22	6.3×11	23
3.3	3R3					5×11	35			6.3×11	28	6.3×11	28
4.7	4R7	5×11	40	5×11	40	6.3×11	40	6.3×11	42	8×11.5	45		
10	100	5×11	60	6.3×11	60	8×11.5	73	8×14	80	8×16	84		
				8×11.5	70								
22	220	5×11	80	6.3×11	90	10×12.5	120	10×16	132	10×20	150		
		6.3×11	90	8×11.5	100								
33	330	8×11.5	120	8×11.5	145	10×16	165	10×20	185	12.5×20	200		
				10×12.5	170								
47	470	6.3×11	145	10×12.5	200	10×20	210	12.5×20	230	12.5×25	250		
		8×11.5	165	10×16	250								
68	680					12.5×20	285	12.5×25	310	16×20	320		
82	820					12.5×20	315	12.5×25	345	16×25	390		
100	101	10×12.5	250	10×20	350	12.5×25	385	16×20	390	16×30	460		
150	151					16×25	515	16×25	520	16×35	620		
180	181					16×25	590	16×30	620	16×40	700		
220	221	10×20	500	12.5×25	660	16×30	700	16×35	730	18×40	820		
270	271					16×35	830	16×40	860				
330	331	12.5×20	690	12.5×25	800	16×40	980	18×40	1000				
390	391					18×40	1100	18×45	1150				
470	471	12.5×20	810	16×25	990	18×45	1250						
560	561												
1000	102	16×25	1450	18×40	2020								
2200	222	18×35	1780										
3300	332	22×40	2000										

CAP(μF)		WV		250V(2E)		350V(2V)		400V(2G)		420V(2M)		450V(2W)	
				Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.47	R47									6.3×11	11	6.3×11	11
1	010							6.3×11	15	6.3×11	15	6.3×11	15
2.2	2R2	6.3×11	23	6.3×11	25	8×11.5	26	8×11.5	26	8×11.5	26	8×11.5	26
3.3	3R3	6.3×11	28	8×11.5	28	8×11.5	30	8×11.5	30	8×11.5	30	8×11.5	30
4.7	4R7	8×11.5	45	8×11.5	48	8×11.5	50	8×16	50	8×16	50	8×16	50
6.8	6R8	8×11.5	58	8×14	60	8×12	63	10×16	63	10×16	63	10×16	63
8.2	8R2	8×14	68	8×16	70	8×16	72	10×16	72	10×16	72	10×16	72
10	100	8×16	84	10×16	85	10×16	88	10×16	80	10×20	85		
15	150	10×16	112	10×20	113	10×20	115	12.5×20	112	12.5×20	112		
22	220	10×20	150	12.5×20	152	12.5×20	155	12.5×25	152	12.5×25	152		
27	270	10×20	170	12.5×25	188	12.5×25	190	12.5×25	175	12.5×30	185		
33	330	12.5×20	200	12.5×25	205	12.5×25	210	12.5×30	202	12.5×30	202		
39	390	12.5×20	210	12.5×30	255	12.5×30	260	16×20	220	16×25	240		
47	470	12.5×25	250	16×25	290	16×25	295	16×25	270	16×30	290		
56	560	12.5×30	300	16×25	320	16×25	325	16×30	320	16×30	320		
68	680	16×20	320	16×30	370	16×30	380	16×30	340	16×35	360		
82	820	16×25	390	16×35	440	16×35	450	16×35	405	16×40	430		
100	101	16×30	460	16×40	510	16×40	520	16×40	480	18×35	480		
120	121	16×30	510	18×40	590	18×40	600	18×40	550	18×40	550		
150	151	16×35	620	18×45	690	18×45	700	18×45	650	18×45	650		
180	181	16×40	700										
220	221	18×40	820										

Size φD×L(mm)
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

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