

### CA45LOW ESR 系列电容量、额定电压和壳号

Table3 Capacitance and rated voltage by case size

额定电压 $U_R$ (V) Rated voltage		2.5(e)	4(G)	6.3(J)	10(A)	16(C)	20(D)	25(E)	35(V)	50(T)
降额电压 $U_C$ (V) Derating		1.7	2.5	4	6.3	10	13	16	23	33
浪涌电压 $U_S$ (V) Surge voltage		3.2	5	8	13	20	26	32	46	65
电容量 Cap $C_R$ (uF)	容量 编码 Cap code	壳号 Case size								
0.1	104						S		A	A
0.15	154						S		A	A/B
0.22	224						S		A	A/B
0.33	334						S	A	A	B
0.47	474					S	S	A	A/B	B/C
0.68	684					S	S/A	A	A/B	B/C
1.0	105				S	S/A	S/A	A/B	A/B	B/C
1.5	155				S/A	S/A	S/A/B	A/B	A/B/C	C/D
2.2	225		S	S/A	S/A/B	S/A/B	A/B	A/B/C	B/C	C/D
3.3	335		S/A	S/A	S/A/B	A/B	A/B/C	A/B/C	B/C	D
4.7	475		S/A	S/A	S/A/B	A/B	A/B/C	B/C	C/D	D/E
6.8	685		S/A	S/A/B	S/A/B	A/B/C	B/C	B/C/D	C/D	D/E
10	106		S/A/B	S/A/B	S/A/B/C	A/B/C	B/C/D	C/D	C/D/E	D/E/F
15	156		A/B	A/B/C	A/B/C	B/C	B/C/D	C/D	D/E	
22	226		A/B/C	A/B/C	A/B/C	B/C/D	B/C/D	C/D	D/E	
33	336	A	A/B/C	A/B/C	A/B/C/D	B/C/D	C/D	D/E	E	
47	476	A	A/B/C	A/B/C/D	B/C/D	C/D	D/E	D/E	E/F	
68	686	A	B/C/D	B/C/D	B/C/D	C/D	D/E	E		
100	107	B	B/C/D	B/C/D	C/D	D/E	D/E	E/F		
150	157	B	B/C/D	C/D/E	D/E	D/E	E/F			
220	227	B/C/D	C/D	C/D/E	D/E	E/F				
330	337	C/D	D/E	D/E	D/E					
470	477	D	D/E	D/E	E/F					
680	687	D/E	D/E	E/F						
1000	108	D/E	F							

CA45L 系列电性能 Table4 Electrical characyeristics

额定电压 U <sub>R</sub> (V)	壳号 Case Size	电容 量 C <sub>R</sub> (uF)	漏电流 DCL (uA) Max.	损耗 DF (%) Max.	ESR (Ω) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25℃	85℃	125℃	
2.5V 85℃ (1.7V 125℃)									
2.5	A	33	0.8	6	1.5	0.224	0.201	0.089	CA45L336*002A*
2.5	A	47	1.2	6	1.5	0.224	0.201	0.089	CA45L476*002A*
2.5	A	68	1.7	6	0.7	0.327	0.295	0.131	CA45L686*002A*
2.5	B	100	2.5	8	0.7	0.348	0.314	0.139	CA45L107*002B*
2.5	B	150	3.8	8	0.5	0.412	0.371	0.165	CA45L157*002B*
2.5	B	220	5.5	8	0.5	0.412	0.371	0.165	CA45L227*002B*
2.5	C	220	5.5	8	0.2	0.742	0.667	0.297	CA45L227*002C*
2.5	D	220	5.5	8	0.2	0.866	0.779	0.346	CA45L227*002D*
2.5	C	330	8.3	12	0.2	0.742	0.667	0.297	CA45L337*002C*
2.5	D	330	8.3	12	0.2	0.866	0.779	0.346	CA45L337*002D*
2.5	D	470	11.8	12	0.15	1.000	0.900	0.400	CA45L477*002D*
2.5	D	680	117	14	0.15	1.000	0.900	0.400	CA45L687*002D*
2.5	E	680	17	14	0.15	1.049	0.944	0.420	CA45L687*002E*
2.5	D	1000	25	14	0.15	1.000	0.900	0.400	CA45L108*002D*
2.5	E	1000	25	14	0.15	1.049	0.944	0.420	CA45L108*002E*
4.0V 85℃ (2.5V 125℃)									
4	S	2.2	0.5	6	7	0.096	0.087	0.039	CA45L225*004S*
4	S	3.3	0.5	6	3	0.147	0.132	0.059	CA45L335*004S*
4	A	3.3	0.5	6	2.5	0.173	0.156	0.069	CA45L335*004A*
4	S	4.7	0.5	6	3	0.147	0.132	0.059	CA45L475*004S*
4	A	4.7	0.5	6	2	0.194	0.174	0.077	CA45L475*004A*
4	S	6.8	0.5	6	5	0.114	0.103	0.046	CA45L685*004S*
4	A	6.8	0.5	6	2	0.194	0.174	0.077	CA45L685*004A*
4	S	10	0.5	6	3	0.147	0.132	0.059	CA45L106*004S*
4	A	10	0.5	6	1.5	0.224	0.201	0.089	CA45L106*004A*
4	B	10	0.5	6	1	0.292	0.262	0.117	CA45L106*004B*
4	A	15	0.6	6	1.5	0.224	0.201	0.089	CA45L156*004A*
4	B	15	0.6	6	0.7	0.348	0.314	0.139	CA45L156*004B*
4	A	22	0.9	6	0.9	0.289	0.260	0.115	CA45L226*004A*
4	B	22	0.9	6	0.6	0.376	0.339	0.151	CA45L226*004B*
4	C	22	0.9	6	0.5	0.469	0.422	0.188	CA45L226*004C*
4	A	33	1.3	6	3	0.158	0.142	0.063	CA45L336*004A*
4	B	33	1.3	6	0.6	0.376	0.339	0.151	CA45L336*004B*
4	C	33	1.3	6	0.3	0.606	0.545	0.242	CA45L336*004C*
4	A	47	1.9	6	0.8	0.306	0.276	0.122	CA45L476*004A*

额定电压 $U_R$ (V)	壳号 Case Size	电容量 $C_R$ ( $\mu$ F)	漏电流 DCL ( $\mu$ A) Max.	损耗 DF (%) Max.	ESR ( $\Omega$ ) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C	
						续 4.0V 85 $^{\circ}$ C (2.5V 125 $^{\circ}$ C)			
4	B	47	1.9	6	0.5	0.412	0.371	0.165	CA45L476*004B*
4	C	47	1.9	6	0.25	0.663	0.597	0.265	CA45L476*004C*
4	B	68	2.7	6	2	0.206	0.186	0.082	CA45L686*004B*
4	C	68	2.7	6	0.25	0.663	0.597	0.265	CA45L686*004C*
4	D	68	2.7	6	0.2	0.866	0.779	0.346	CA45L686*004D*
4	B	100	4	8	0.5	0.412	0.371	0.165	CA45L107*004B*
4	C	100	4	8	0.2	0.742	0.667	0.297	CA45L107*004C*
4	D	100	4	8	0.2	0.866	0.779	0.346	CA45L107*004D*
4	B	150	6	8	0.4	0.461	0.415	0.184	CA45L157*004B*
4	C	150	6	8	0.2	0.742	0.667	0.297	CA45L157*004C*
4	D	150	6	8	0.15	1.000	0.900	0.400	CA45L157*004D*
4	C	220	8.8	8	0.2	0.742	0.667	0.297	CA45L227*004C*
4	D	220	8.8	8	0.15	1.000	0.900	0.400	CA45L227*004D*
4	D	330	13.2	12	0.15	1.000	0.900	0.400	CA45L337*004D*
4	E	330	13.2	12	0.15	1.049	0.944	0.420	CA45L337*004E*
4	D	470	18.8	12	0.15	1.000	0.900	0.400	CA45L477*004D*
4	E	470	18.8	12	0.15	1.049	0.944	0.420	CA45L477*004E*
4	D	680	27.2	14	0.2	0.866	0.779	0.346	CA45L687*004D*
4	E	680	27.2	14	0.1	1.285	1.156	0.514	CA45L687*004E*
4	F	1000	40	14	0.1	1.581	1.4223	0.632	CA45L108*004F*
续 6.3V 85 $^{\circ}$ C (4.0V 125 $^{\circ}$ C)									
6.3	S	2.2	0.5	6	7	0.096	0.087	0.039	CA45L225*006S*
6.3	A	2.2	0.5	6	2.5	0.173	0.156	0.069	CA45L225*006A
6.3	S	3.3	0.5	6	3	0.147	0.132	0.059	CA45L335*006S*
6.3	A	3.3	0.5	6	2.5	0.173	0.156	0.069	CA45L335*006A*
6.3	S	4.7	0.5	6	3	0.147	0.132	0.059	CA45L475*006S*
6.3	A	4.7	0.5	6	2	0.194	0.174	0.077	CA45L475*006A*
6.3	S	6.8	0.5	6	5	0.114	0.103	0.046	CA45L685*006S*
6.3	A	6.8	0.5	6	2	0.194	0.174	0.077	CA45L685*006A*
6.3	B	6.8	0.5	6	1.2	0.266	0.240	0.106	CA45L685*006B*
6.3	S	10	0.6	6	3	0.147	0.132	0.059	CA45L106*006S*
6.3	A	10	0.6	6	1.5	0.224	0.201	0.089	CA45L106*006A*
6.3	B	10	0.6	6	1	0.292	0.262	0.117	CA45L106*006B*
6.3	A	15	0.9	6	1.5	0.224	0.201	0.089	CA45L156*006A*
6.3	B	15	0.9	6	0.7	0.348	0.314	0.139	CA45L156*006B*
6.3	C	15	0.9	6	0.6	0.428	0.385	0.171	CA45L156*006C*
6.3	A	22	1.4	6	0.9	0.289	0.260	0.115	CA45L226*006A*

额定电压 $U_R$ (V)	壳号 Case Size	电容量 $C_R$ ( $\mu$ F)	漏电流 DCL ( $\mu$ A) Max.	损耗 DF (%) Max.	ESR ( $\Omega$ ) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C	
						续 6.3V 85 $^{\circ}$ C (4.0V 125 $^{\circ}$ C)			
6.3	B	22	1.4	6	0.6	0.376	0.339	0.151	CA45L226*006B*
6.3	C	22	1.4	6	0.5	0.469	0.422	0.188	CA45L226*006C*
6.3	A	33	2.1	6	0.8	0.306	0.276	0.122	CA45L336*006A*
6.3	B	33	2.1	6	0.6	0.376	0.339	0.151	CA45L336*006B*
6.3	C	33	2.1	6	0.3	0.606	0.545	0.242	CA45L336*006C*
6.3	A	47	3	6	0.8	0.306	0.276	0.122	CA45L476*006A*
6.3	B	47	3	6	0.5	0.412	0.371	0.1656	CA45L476*006B*
6.3	C	47	3	6	0.25	0.663	0.597	0.265	CA45L476*006C*
6.3	D	47	3	6	0.25	0.775	0.697	0.310	CA45L476*006D*
6.3	B	68	4.3	6	0.5	0.412	0.371	0.165	CA45L686*006B*
6.3	C	68	4.3	6	0.2	0.742	0.667	0.297	CA45L686*006C*
6.3	D	68	4.3	6	0.2	0.866	0.779	0.346	CA45L686*006D*
6.3	B	100	6.3	8	0.5	0.412	0.371	0.165	CA45L107*006B*
6.3	C	100	6.3	8	0.3	0.606	0.545	0.242	CA45L107*006C*
6.3	D	100	6.3	8	0.2	0.866	0.779	0.346	CA45L107*006D*
6.3	C	150	9.5	8	0.2	0.742	0.667	0.297	CA45L157*006C*
6.3	D	150	9.5	8	0.15	1.000	0.900	0.400	CA45L157*006D*
6.3	E	150	9.5	8	0.15	1.049	0.944	0.420	CA45L157*006E*
6.3	C	220	13.9	8	0.3	0.606	0.545	0.242	CA45L227*006C*
6.3	D	220	13.9	8	0.15	1.000	0.900	0.400	CA45L227*006D*
6.3	E	220	13.9	8	0.15	1.049	0.944	0.420	CA45L227*006E*
6.3	D	330	20.8	12	0.15	1.000	0.900	0.400	CA45L337*006D*
6.3	E	330	20.8	12	0.15	1.049	0.944	0.420	CA45L337*006E*
6.3	D	470	29.6	12	0.2	0.866	0.779	0.346	CA45L477*006D*
6.3	E	470	29.6	12	0.2	0.908	0.817	0.363	CA45L477*006E*
6.3	E	680	42.8	14	0.1	1.285	1.156	0.514	CA45L687*006E*
6.3	F	680	42.8	14	0.1	1.581	1.423	0.632	CA45L687*006F*
续 10V 85 $^{\circ}$ C (6.3V 125 $^{\circ}$ C)									
10	S	1	0.5	4	9	0.085	0.076	0.034	CA45L105*010S*
10	S	1.5	0.5	6	9	0.085	0.076	0.034	CA45L155*010S*
10	A	1.5	0.5	6	6	0.112	0.101	0.045	CA45L155*010A*
10	S	2.2	0.5	6	9	0.085	0.076	0.034	CA45L225*010S*
10	A	2.2	0.5	6	2	0.194	0.174	0.077	CA45L225*010A*
10	B	2.2	0.5	6	1.5	0.238	0.214	0.095	CA45L225*010B*
10	S	3.3	0.5	6	7	0.096	0.087	0.039	CA45L335*010S*
10	A	3.3	0.5	6	4	0.137	0.123	0.055	CA45L335*010A*
10	B	3.3	0.5	6	2	0.206	0.186	0.082	CA45L335*010B*

额定电压 $U_R$ (V)	壳号 Case Size	电容量 $C_R$ ( $\mu$ F)	漏电流 DCL ( $\mu$ A) Max.	损耗 DF (%) Max.	ESR ( $\Omega$ ) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C	
						续 10V 85 $^{\circ}$ C (6.3V 125 $^{\circ}$ C)			
10	S	4.7	0.5	6	3	0.147	0.132	0.059	CA45L475*010S*
10	A	4.7	0.5	6	1.5	0.224	0.201	0.089	CA45L475*010A*
10	B	4.7	0.5	6	1.5	0.238	0.214	0.095	CA45L475*010B*
10	S	6.8	0.7	6	2	0.180	0.162	0.072	CA45L685*010S*
10	A	6.8	0.7	6	1.8	0.204	0.184	0.082	CA45L685*010A*
10	B	6.8	0.7	6	1.2	0.266	0.240	0.106	CA45L685*010B*
10	S	10	1	6	2	0.180	0.162	0.072	CA45L106*010S*
10	A	10	1	6	1.8	0.204	0.184	0.082	CA45L106*010A*
10	B	10	1	6	0.8	0.326	0.293	0.130	CA45L106*010B*
10	C	10	1	6	0.8	0.371	0.334	0.148	CA45L106*010C*
10	A	15	1.5	6	1.5	0.224	0.201	0.089	CA45L156*010A*
10	B	15	1.5	6	0.7	0.348	0.214	0.139	CA45L156*010B*
10	C	15	1.5	6	0.5	0.469	0.422	0.188	CA45L156*010C*
10	A	22	2.2	6	0.9	0.289	0.260	0.115	CA45L226*010A*
10	B	22	2.2	6	0.7	0.348	0.314	0.139	CA45L226*010B*
10	C	22	2.2	6	0.3	0.606	0.545	0.242	CA45L226*010C*
10	A	33	3.3	6	0.7	0.327	0.295	0.131	CA45L336*010A*
10	B	33	3.3	6	0.5	0.412	0.371	0.165	CA45L336*010B*
10	C	33	3.3	6	0.3	0.606	0.545	0.242	CA45L336*010C*
10	D	33	3.3	6	0.25	0.775	0.697	0.310	CA45L336*010D*
10	B	47	4.7	6	0.5	0.412	0.371	0.165	CA45L476*010B*
10	C	47	4.7	6	0.3	0.606	0.545	0.242	CA45L476*010C*
10	D	47	4.7	6	0.2	0.866	0.779	0.346	CA45L476*010D*
10	B	68	6.8	6	0.6	0.376	0.339	0.151	CA45L686*010B*
10	C	68	6.8	6	0.3	0.606	0.545	0.242	CA45L686*010C*
10	D	68	6.8	6	0.2	0.866	0.779	0.346	CA45L686*010D*
10	C	100	10	8	0.2	0.742	0.667	0.297	CA45L107*010C*
10	D	100	10	8	0.15	1.000	0.900	0.400	CA45L107*010D*
10	D	150	15	8	0.15	1.000	0.900	0.400	CA45L157*010D*
10	E	150	15	8	0.15	1.049	0.944	0.420	CA45L157*010E*
10	D	220	22	8	0.15	1.000	0.900	0.400	CA45L227*010D*
10	E	220	22	8	0.15	1.049	0.944	0.420	CA45L227*010E*
10	D	330	33	12	0.15	1.000	0.900	0.400	CA45L337*010D*
10	E	330	33	12	0.15	1.285	1.156	0.514	CA45L337*010E*
10	E	470	47	12	0.2	0.908	0.817	0.363	CA45L477*010E*
10	F	470	47	12	0.1	1.581	1.423	0.632	CA45L477*010F*

额定电压 U <sub>R</sub> (V)	壳号 Case Size	电容 量 C <sub>R</sub> (uF)	漏电流 DCL (uA) Max.	损耗 DF (%) Max.	ESR (Ω) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25℃	85℃	125℃	
						16V 85℃ (10V 125℃)			
16	S	0.47	0.5	4	9	0.085	0.076	0.034	CA45L474*016S*
16	S	0.68	0.5	4	9	0.085	0.076	0.034	CA45L684*016S*
16	S	1	0.5	4	9	0.085	0.076	0.034	CA45L105*016S*
16	A	1	0.5	4	6	0.112	0.101	0.045	CA45L105*016A*
16	S	1.5	0.5	6	4	0.127	0.115	0.051	CA45L155*016S*
16	A	1.5	0.5	6	4	0.137	0.123	0.055	CA45L155*016A*
16	S	2.2	0.5	6	7	0.096	0.087	0.039	CA45L225*016S*
16	A	2.2	0.5	6	3	0.158	0.142	0.063	CA45L225*016A*
16	B	2.2	0.5	6	2	0.206	0.186	0.082	CA45L225*016B*
16	A	3.3	0.5	6	2	0.194	0.174	0.077	CA45L335*016A*
16	B	3.3	0.5	6	1.5	0.238	0.214	0.095	CA45L335*016B*
16	A	4.7	0.8	6	2	0.194	0.174	0.077	CA45L475*016A*
16	B	4.7	0.8	6	1.5	0.238	0.214	0.095	CA45L475*016B*
16	A	6.8	1.1	6	1.5	0.224	0.201	0.089	CA45L685*016A*
16	B	6.8	1.1	6	1.2	0.266	0.240	0.106	CA45L685*016B*
16	C	6.8	1.1	6	0.8	0.371	0.334	0.148	CA45L685*016C*
16	A	10	1.6	6	3	0.158	0.142	0.063	CA45L106*016A*
16	B	10	1.6	6	0.8	0.326	0.293	0.130	CA45L106*016B*
16	C	10	1.6	6	0.5	0.469	0.422	0.188	CA45L106*016C*
16	B	15	2.4	6	0.8	0.326	0.293	0.130	CA45L156*016B*
16	C	15	2.4	6	0.4	0.524	0.472	0.210	CA45L156*016C*
16	B	22	3.5	6	0.6	0.376	0.339	0.151	CA45L226*016B*
16	C	22	3.5	6	0.3	0.606	0.545	0.242	CA45L226*016C*
16	D	22	3.5	6	0.25	0.775	0.697	0.310	CA45L226*016D*
16	B	33	5.3	6	0.5	0.412	0.371	0.165	CA45L336*016B*
16	C	33	5.3	6	0.3	0.606	0.545	0.242	CA45L336*016C*
16	D	33	5.3	6	0.2	0.866	0.779	0.346	CA45L336*016D*
16	C	47	7.5	6	0.4	0.524	0.472	0.210	CA45L476*016C*
16	D	47	7.5	6	0.2	0.866	0.779	0.346	CA45L476*016D*
16	C	68	10.9	6	0.2	0.742	0.667	0.297	CA45L686*016C*
16	D	68	10.9	6	0.15	1.000	0.900	0.400	CA45L686*016D*
16	D	100	16	8	0.15	1.000	0.900	0.400	CA45L107*016D*
16	E	100	16	8	0.15	1.049	0.944	0.420	CA45L107*016E*
16	D	150	24	8	0.2	0.866	0.779	0.346	CA45L157*016D*
16	E	150	24	8	0.2	0.908	0.817	0.363	CA45L157*016E*
16	E	220	35.2	8	0.2	0.908	0.817	0.363	CA45L227*016E*

额定电压 U <sub>R</sub> (V)	壳号 Case Size	电容 量 C <sub>R</sub> (uF)	漏电流 DCL (uA) Max.	损耗 DF (%) Max.	ESR (Ω) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			电容规格代码 TANCAP Part number
						25℃	85℃	125℃	
						续 16V 85℃ (10V 125℃)			
16	F	220	35.2	8	0.1	1.581	1.423	0.632	CA45L227*016F*
20V 85℃ (13V 125℃)									
20	S	0.1	0.5	4	9	0.085	0.076	0.034	CA45L104*020S*
20	S	0.15	0.5	4	9	0.085	0.076	0.034	CA45L154*020S*
20	S	0.22	0.5	4	9	0.085	0.076	0.034	CA45L224*020S*
20	S	0.33	0.5	4	9	0.085	0.076	0.034	CA45L334*020S*
20	S	0.47	0.5	4	9	0.085	0.076	0.034	CA45L474*020S*
20	S	0.68	0.5	4	9	0.085	0.076	0.034	CA45L684*020S*
20	A	0.68	0.5	4	8	0.097	0.087	0.039	CA45L684*020A*
20	S	1	0.5	4	6	0.104	0.094	0.042	CA45L105*020S*
20	A	1	0.5	4	3	0.158	0.142	0.063	CA45L105*020A*
20	S	1.5	0.5	6	5	0.114	0.103	0.046	CA45L155*020S*
20	A	1.5	0.5	6	4	0.137	0.123	0.055	CA45L155*020A*
20	B	1.5	0.5	6	3	0.168	0.151	0.067	CA45L155*020B*
20	A	2.2	0.5	6	3	0.158	0.142	0.063	CA45L225*020A*
20	B	2.2	0.5	6	1.5	0.238	0.214	0.095	CA45L225*020B*
20	A	3.3	0.7	6	2.5	0.173	0.156	0.069	CA45L335*020A*
20	B	3.3	0.7	6	1.2	0.266	0.240	0.106	CA45L335*020B*
20	C	3.3	0.7	6	0.6	0.428	0.385	0.171	CA45L335*020C*
20	A	4.7	0.9	6	1.8	0.204	0.184	0.082	CA45L475*020A*
20	B	4.7	0.9	6	1	0.292	0.262	0.117	CA45L475*020B*
20	C	4.7	0.9	6	0.6	0.428	0.385	0.171	CA45L475*020C*
20	B	6.8	1.4	6	1	0.292	0.262	0.117	CA45L685*020B*
20	C	6.8	1.4	6	0.6	0.428	0.385	0.171	CA45L685*020C*
20	B	10	2	6	1	0.292	0.262	0.117	CA45L106*020B*
20	C	10	2	6	0.5	0.469	0.422	0.188	CA45L106*020C*
20	D	10	2	6	0.3	0.707	0.636	0.283	CA45L106*020D*
20	B	15	3	6	0.5	0.412	0.371	0.165	CA45L156*020B*
20	C	15	3	6	0.4	0.524	0.472	0.210	CA45L156*020C*
20	D	15	3	6	0.3	0.707	0.636	0.283	CA45L156*020D*
20	B	22	4.4	6	0.4	0.461	0.415	0.184	CA45L226*020B*
20	C	22	4.4	6	0.4	0.524	0.472	0.210	CA45L226*020C*
20	D	22	4.4	6	0.3	0.707	0.636	0.283	CA45L226*020D*
20	C	33	6.6	6	0.3	0.606	0.545	0.242	CA45L336*020C*
20	D	33	6.6	6	0.2	0.866	0.779	0.346	CA45L336*020D*
20	D	47	9.4	6	0.2	0.866	0.779	0.346	CA45L476*020D*

额定电压 U <sub>R</sub> (V)	壳号 Case Size	电容量 C <sub>R</sub> (uF)	漏电流 DCL (uA) Max.	损耗 DF (%) Max.	ESR (Ω) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			电容规格代码 TANCAP Part number
						25℃	85℃	125℃	
						续 20V 85℃ (13V 125℃)			
20	E	47	9.4	6	0.2	0.908	0.817	0.363	CA45L476*020E*
20	D	68	13.6	6	0.2	0.866	0.779	0.346	CA45L686*020D*
20	E	68	13.6	6	0.2	0.908	0.817	0.363	CA45L686*020E*
20	D	100	20	8	0.15	1.000	0.900	0.400	CA45L107*020D*
20	E	100	20	8	0.2	0.908	0.817	0.363	CA45L107*020E*
20	E	150	30	8	0.3	0.742	0.667	0.397	CA45L507*020E*
20	F	150	30	8	0.2	1.118	1.006	0.447	CA45L507*020F*
续 25V 85℃ (16V 125℃)									
25	A	0.33	0.5	4	9	0.091	0.082	0.037	CA45L334*025A*
25	A	0.47	0.5	4	7	0.104	0.093	0.041	CA45L474*025A*
25	A	0.68	0.5	4	6.	0.112	0.101	0.045	CA45L684*025A*
25	A	1	0.5	4	4	0.137	0.123	0.055	CA45L105*025A*
25	B	1	0.5	4	2	0.206	0.186	0.082	CA45L105*025B*
25	A	1.5	0.5	6	3	0.158	0.142	0.063	CA45L155*025A*
25	B	1.5	0.5	6	1.5	0.238	0.214	0.095	CA45L155*025B*
25	A	2.2	0.6	6	2	0.194	0.174	0.077	CA45L225*025A*
25	B	2.2	0.6	6	0.9	0.307	0.277	0.123	CA45L225*025B*
25	C	2.2	0.6	6	1.2	0.303	0.272	0.121	CA45L225*025C*
25	A	3.3	0.8	6	1.5	0.224	0.201	0.089	CA45L335*025A*
25	B	3.3	0.8	6	1.5	0.238	0.214	0.095	CA45L335*025B*
25	C	3.3	0.8	6	1.2	0.303	0.272	0.121	CA45L335*025C*
25	B	4.7	1.2	6	0.7	0.348	0.314	0.139	CA45L475*025B*
25	C	4.7	1.2.	6	0.6	0.428	0.385	0.171	CA45L475*025C*
25	B	6.8	1.7	6	0.7	0.348	0.314	0.139	CA45L685*025B*
25	C	6.8	1.7	6	0.5	0.469	0.422	0.188	CA45L685*025C*
25	D	6.8	1.7	6	0.3	0.707	0.636	0.283	CA45L685*025D*
25	C	10	2.5	6	0.5	0.469	0.422	0.188	CA45L106*025C*
25	D	10	2.5	6	0.4	0.612	0.551	0.245	CA45L106*025D*
25	C	15	3.8	6	0.3	0.606	0.545	0.242	CA45L156*025C*
25	D	15	3.8	6	0.3	0.707	0.636	0.283	CA45L156*025D*
25	C	22	5.5	6	0.4	0.524	0.472	0.210	CA45L226*025C*
25	D	22	5.5	6	0.3	0.707	0.636	0.283	CA45L226*025D*
25	D	33	8.3	6	0.3	0.707	0.363	0.283	CA45L336*025D*
25	E	33	8.3	6	0.3	0.742	0.667	0.297	CA45L336*025E*
25	D	47	11.8	6	0.25	0.775	0.697	0.310	CA45L476*025D*



额定电压 U <sub>R</sub> (V)	壳号 Case Size	电容量 C <sub>R</sub> (uF)	漏电流 DCL (uA) Max.	损耗 DF (%) Max.	ESR (Ω) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			电容规格代码 TANCAP Part number
						25℃	85℃	125℃	
						续 25V 85℃ (16V 125℃)			
25	E	47	11.8	6	0.15	1.049	0.944	0.420	CA45L476*025E*
25	E	68	17	6	0.2	0.908	0.817	0.363	CA45L686*025E*
25	E	100	25	8	0.25	0.812	0.731	0.325	CA45L107*025E*
25	F	100	25	8	0.2	1.118	1.006	0.447	CA45L107*025F*
续 35V 85℃ (23V 125℃)									
35	A	0.1	4	0.5	9	0.091	0.082	0.037	CA45L104*035A*
35	A	0.15	4	0.5	6	0.112	0.101	0.045	CA45L154*035A*
35	A	0.22	4	0.5	6	0.112	0.101	0.045	CA45L224*035A*
35	A	0.33	4	0.5	6	0.112	0.101	0.045	CA45L334*035A*
35	A	0.47	4	0.5	4	0.137	0.123	0.055	CA45L474*035A*
35	B	0.47	4	0.5	2.5	0.184	0.166	0.074	CA45L474*035B*
35	A	0.68	4	0.5	6	0.112	0.101	0.045	CA45L684*035A*
35	B	0.68	4	0.5	2.5	0.184	0.166	0.074	CA45L684*035B*
35	A	1	4	0.5	3	0.158	0.142	0.063	CA45L105*035A*
35	B	1	4	0.5	2	0.206	0.186	0.082	CA45L105*035B*
35	A	1.5	6	0.5	3	0.158	0.142	0.063	CA45L155*035A*
35	B	1.5	6	0.5	2.5	0.184	0.1666	0.074	CA45L155*035B*
35	C	1.5	6	0.5	2	0.235	0.211	0.094	CA45L155*035C*
35	B	2.2	6	0.8	2	0.206	0.186	0.082	CA45L225*035B*
35	C	2.2	6	0.8	1	0.332	0.298	0.133	CA45L225*035C*
35	B	3.3	6	1.2	1	0.292	0.262	0.117	CA45L335*035B*
35	C	3.3	6	1.2	0.7	0.396	0.357	0.159	CA45L335*035C*
35	C	4.7	6	1.6	0.6	0.428	0.385	0.171	CA45L475*035C*
35	D	4.7	6	1.6	0.7	0.463	0.417	0.185	CA45L475*035D*
35	C	6.8	6	2.4	0.5	0.469	0.422	0.188	CA45L685*035C*
35	D	6.8	6	2.4	0.5	0.548	0.493	0.219	CA45L685*035D*
35	C	10	6	3.5	1.2	0.303	0.272	0.121	CA45L106*035C*
35	D	10	6	3.5	0.3	0.707	0.636	0.283	CA45L106*035D*
35	E	10	6	3.5	0.2	0.908	0.817	0.363	CA45L106*035E*
35	D	15	6	5.3	0.3	0.707	0.636	0.283	CA45L156*035D*
35	E	15	6	5.3	0.3	0.742	0.667	0.297	CA45L156*035E*
35	D	22	6	7.7	0.4	0.612	0.551	0.245	CA45L226*035D*
35	E	22	6	7.7	0.3	0.742	0.667	0.297	CA45L226*035E*
35	E	33	6	11.6	0.3	0.742	0.667	0.297	CA45L336*035E*
35	E	47	6	16.5	0.3	0.742	0.667	0.297	CA45L476*035E*
35	F	47	6	16.5	0.3	0.913	0.822	0.365	CA45L476*035F*

额定电压 $U_R$ (V)	壳号 Case Size	电容量 $C_R$ ( $\mu$ F)	漏电流 DCL ( $\mu$ A) Max.	损耗 DF (%) Max.	ESR ( $\Omega$ ) Max. 100kHz	纹波电流 Ripple current RMS 100kHz (mA)			容电规格代码 TANCAP Part number
						25 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C	
						50V 85 $^{\circ}$ C (33V 125 $^{\circ}$ C)			
50	A	0.1	0.5	4	9	0.091	0.082	0.037	CA45L104*050A*
50	A	0.15	0.5	4	9	0.091	0.082	0.037	CA45L154*050A*
50	B	0.15	0.5	4	9	0.097	0.087	0.039	CA45L154*050B*
50	A	0.22	0.5	4	7	0.104	0.093	0.041	CA45L224*050A*
50	B	0.22	0.5	4	7	0.110	0.099	0.044	CA45L224*050B*
50	B	0.33	0.5	4	2.5	0.184	0.166	0.074	CA45L334*050B*
50	B	0.47	0.5	4	2	0.206	0.186	0.082	CA45L474*050B*
50	C	0.47	0.5	4	1.8	0.247	0.222	0.099	CA45L474*050C*
50	B	0.68	0.5	4	3	0.168	0.151	0.067	CA45L684*050B*
50	C	0.68	0.5	4	1.6	0.262	0.236	0.105	CA45L684*050C*
50	B	1	0.5	4	4	0.146	0.131	0.058	CA45L105*050B*
50	C	1	0.5	4	1.6	0.262	0.236	0.105	CA45L105*050C*
50	C	1.5	0.8	6	2	0.235	0.211	0.094	CA45L155*050C*
50	D	1.5	0.8	6	1	0.387	0.349	0.155	CA45L155*050D*
50	C	2.2	1.1	6	1.5	0.271	0.244	0.108	CA45L225*050C*
50	D	2.2	1.1	6	1.2	0.354	0.318	0.141	CA45L225*050D*
50	D	3.3	1.7	6	0.8	0.433	0.390	0.173	CA45L335*050D*
50	D	4.7	2.4	6	0.7	0.463	0.417	0.185	CA45L475*050D*
50	E	4.7	2.4	6	0.5	0.574	0.517	0.230	CA45L475*050E*
50	D	6.8	3.4	6	0.6	0.500	0.450	0.200	CA45L685*050D*
50	E	6.8	3.4	6	0.5	0.574	0.517	0.230	CA45L685*050E*
50	D	10	5	6	0.5	0.548	0.493	0.219	CA45L106*050D*
50	E	10	5	6	0.5	0.574	0.517	0.230	CA45L106*050E*
50	F	10	5	6	0.5	0.707	0.636	0.283	CA45L106*050F*

●所有技术数据在 25 $^{\circ}$ C 条件下测量。

●电容量和损耗测试条件： $U=1.7\sim 2.2V$ ,  $U_{\text{偏}}=0\sim 1V$ (有效值)，测量频率：120HZ

●漏电流应在施加额定电压 5 分钟后测量，+125 $^{\circ}$ C 时应施加降额电压。

注 “\*” 表示+125 $^{\circ}$ C 容量变化率为 $\pm 15\%$

“#” 表示+125 $^{\circ}$ C 容量变化率为 $\pm 20\%$ ，仅提供 M 级容量偏差。