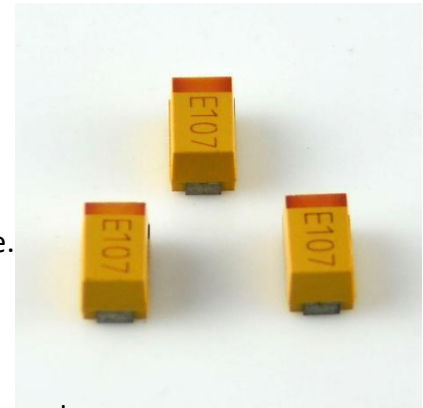




产品特性 Product Feature

- 环氧树脂模压封装, 片状, 易于集成, 有极性
Resin molding package, SMD, polarized, easy to SMT.
- 尺寸小, 重量轻, 电性能和存储性能稳定, 长工作寿命, 高可靠性;
Small size, light, long life, high reliability, electrical performance and storage performance are stable.
- 典型应用包括在工业和汽车的终端去耦和滤波应用, 如 DC/DC 直流转换器, 便携电子设备, 通讯电子设备以及控制单元等;



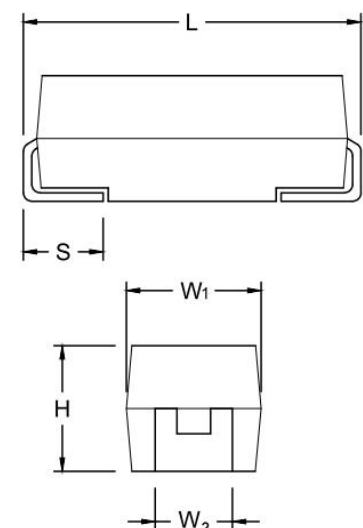
Typical application including decoupling and filtering on industrial and automobile terminal equipment,

Like DC/DC converter, portable electronic equipment, communication equipment and control unit etc.

- 执行标准: QJ/PWV109-2003;
Standard carried: QJ/PWV109-2003.

外形尺寸 Dimension (mm)

壳号 Case code	EIA 英制代码 BS code	EIA 公制代码 SI code	L	W ₁	H	S	W ₂
A	1206	3216-16	3.20±0.20	1.60±0.20	1.60±0.20	0.80±0.20	1.20±0.20
B	1210	3528-19	3.50±0.20	2.80±0.20	1.90±0.20	0.80±0.20	2.20±0.20
C	2312	6032-25	6.00±0.20	3.20±0.20	2.50±0.20	1.30±0.20	2.20±0.20
D	2917	7343-28	7.30±0.20	4.30±0.20	2.80±0.20	1.30±0.20	2.40±0.20
E	2917	7343-43	7.30±0.40	4.30±0.40	4.10±0.40	1.30±0.20	2.40±0.20
V	2924	7361-36	7.30±0.40	6.10±0.40	3.60±0.40	1.35±0.20	3.00±0.20
W	2924	7361-41	7.30±0.40	6.10±0.40	4.10±0.40	1.35±0.20	3.00±0.20
G	3329	8575-45	8.50±0.40	7.50±0.40	4.50±0.40	1.80±0.20	4.50±0.20
S	4335	11090-45	11.0±0.40	9.00±0.40	4.50±0.40	1.50±0.20	7.00±0.20
T	4349	110125-55	11.0±0.40	12.5±0.40	5.50±0.40	1.50±0.20	10.5±0.20



产品型号 Part Number

CA45 型号Type	- 隔离符-	D 壳号尺寸 Case code 见上表 See table	010 直流额定电压 Rated Voltage/DC 2R5=2.5V; 004=4V; 6R3=6.3V; 010=10V 016=16V; 020=20V 025=25V; 035=35V 050=50V; 063=63V 075=75V; 100=100V	M 容量允差 Tolerance K=±10% M=±20%	107 容量代码 Capacitance 前 2 位数字为有效数字, 单位为 pF, 第 3 位数字为指数。(即有效数字后跟多少个 0) The first two digits are the significant figures. The third is the number of zeros to follow.	T 包装方式 Package T=编带Taped or reeled W=盘装Tray
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环保声明 Environmental Statement

RoHS 声明 (6/6) 符合 2002/95/EC 指示要求, 即规定使用 100%Sn 焊料, 金镀层或无磁性 100% Sn 焊料
 RoHS states (6/6) meet 2002/95/EC standard, The provisions of use 100% Sn solder, Gold deposit or non-magnetic 100% Sn solder



产品标识 Marking

额定电压小于 63V/DC
 Rated voltage less than 63V/DC

单位为 pF 的容量值:
 Capacitance, unit pF
 107=100pF

正极标识线
 Positive pole

额定电压代码
 Rated voltage code
 A=10V/DC

额定电压大于或等于 63V/DC
 Rated voltage greater or equal to 63V/DC

额定电压
 Rated voltage
 63V

单位为 pF 的容量值
 Capacitance, unit pF
 106=10pF

正极标识线
 Positive pole



技术特性 Technical Performance

技术参数 Parameter 所有技术参数都是在 1 个大气压, +25°C 下测定 Parameters measured under one atmosphere and at 25°C

容量范围 Cap. range	0.47μF ~ 2200μF												
容量允差 Tolerance	±10%; ±20%;												
额定电压(V _R) Rated voltage	≤+85°C:	2.5	4	6.3	10	16	20	25	35	50	63	75	100
类别电压(V _C) Derated voltage	≤+125°C:	1.7	2.7	4	6.3	10	15	17	23	33	40	50	63
浪涌电压 (V _S) Surge voltage	≤+85°C:	3.3	5.2	8	13	20	26	32	46	65	82	97	130
浪涌电压 (V _S) Surge voltage	≤+125°C:	2.2	3.4	5	8	13	16	20	28	40	50	60	80
温度范围 Temperature range	-55°C to +125°C												
引出镀层 Terminal coating	锡镀层 (标准), 金镀层或锡铅镀层要另外提要求 Sn coating(standard), Gold or Sn & Pb coating follow request.												

产品规格壳号对照表 Size Code of Parts (壳号代码 Case Code)

额定电压(V) Rated Voltage	2.5	4	6.3	10	16	20	25	35	50	63	75	100
电压代码 Voltage Code	F	G	J	A	C	D	E	V	T	--	--	--
容量(μF) Cap.	容量代码 Cap. code	壳号 Case										
0.1	104							A	A			
0.15	154							A	A/B			
0.22	224							A	A/B		C	C
0.33	334						A	A	A/B	C	C	C
0.47	474					A	A	A/B	A/B/C	C	C	C
0.68	684				A	A	A/B	A/B	A/B/C	C	C	D
1	105			A/B	A/B	A/B	A/B	A/B	A/B/C	C	D	D
1.5	155		A	A	A/B	A/B	A/B	A/B/C	B/C/D	D	D	E
2.2	225	A	A	A/B	A/B	A/B	A/B/C	A/B/C	B/C/D	D	E	E/V
3.3	335	A	A/B	A/B	A/B	A/B/C	A/B/C	B/C	C/D	D	E	
4.7	475	A/B	A/B	A/B	A/B/C	A/B/C	A/B/C	B/C/D	C/D	E	E/V/W	W/G
6.8	685	A/B	A/B	A/B/C	A/B/C	A/B/C	B/C/D	B/C/D	C/D/E	E	G/S	S/T
10	106	A/B	A/B/C	A/B/C	A/B/C	A/B/C	B/C/D	C/D/E	D/E/V	E/W	S/T	S/T
15	156	A/B/C	A/B/C	A/B/C	A/B/C	B/C/D	C/D	C/D/E	D/E/V	E/V/W	S/T	T
22	226	A/B/C	A/B/C	A/B/C	A/B/C	B/C/D	C/D	C/D/E	E/V/W	V/W/G	T	T
33	336	A	A/B/C	A/B/C	A/B/C	B/C/D	C/D	D/E	D/E/V	W/G/S	T	
47	476	A	A/B/C	A/B/C	A/B/C	C/D/E	C/D/E	D/E/W	D/E/V	S/T	T	
68	686	A	A/B/C	A/B/C	B/C/D	C/D/E	C/D/E	D/E/V	E/V/W	T	T	
100	107	A/B	A/B/C	A/B/C	B/C/D	C/D/E	D/E/V	E/V/W	G/S/T	T		
150	157	B	B/C/D	B/C/D	C/D/E	D/E/V	D/E/V	E/V/W	T			
220	227	B/D	B/C/D	B/C/D	C/D/E	D/E/V	E/V/W	G/S/T				
330	337	D	C/D/E	C/D/E	D/E/V	E/V/W	E/V/W	T				
470	477	C/D	C/D/E	D/E/V	E/V/W	E/W/G	T					
680	687	C/D/E	D/E	E/V/W	E/S/T	T						
1000	108	D/E	D/E/V	E/V/G	T							
1500	158	D/E/V	E/V	T								
2200	228	V										



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										V	μF	°C
CA45-A2R5#336T	2.5	33	A	85	125	1.7	0.8	8	1.7	0.196	0.117	0.078
CA45-A2R5#476T	2.5	47	A	85	125	1.7	1.2	6	3	0.147	0.088	0.059
CA45-A2R5#686T	2.5	68	A	85	125	1.7	1.7	8	1.5	0.208	0.125	0.083
CA45-A2R5#107T	2.5	100	A	85	125	1.7	2.5	30	1.4	0.215	0.129	0.086
CA45-B2R5#107T	2.5	100	B	85	125	1.7	2.5	8	1.4	0.231	0.139	0.093
CA45-B2R5#157T	2.5	150	B	85	125	1.7	3.8	10	1.6	0.217	0.130	0.087
CA45-B2R5#227T	2.5	220	B	85	125	1.7	5.5	16	1.6	0.217	0.130	0.087
CA45-D2R5#227T	2.5	220	D	85	125	1.7	5.5	8	0.3	0.592	0.355	0.237
CA45-D2R5#337T	2.5	330	D	85	125	1.7	8.3	8	0.3	0.592	0.355	0.237
CA45-C2R5#477T	2.5	470	C	85	125	1.7	11.8	12	0.2	0.671	0.402	0.268
CA45-D2R5#477T	2.5	470	D	85	125	1.7	11.8	8	0.2	0.725	0.435	0.290
CA45-C2R5#687T	2.5	680	C	85	125	1.7	17	18	0.2	0.671	0.402	0.268
CA45-D2R5#687T	2.5	680	D	85	125	1.7	17	16	0.2	0.725	0.435	0.290
CA45-E2R5#687T	2.5	680	E	85	125	1.7	17	10	0.2	0.791	0.474	0.316
CA45-D2R5#108T	2.5	1000	D	85	125	1.7	25	20	0.2	0.725	0.435	0.290
CA45-E2R5#108T	2.5	1000	E	85	125	1.7	25	14	0.4	0.559	0.335	0.224
CA45-D2R5#158T	2.5	1500	D	85	125	1.7	37.5	60	0.2	0.725	0.435	0.290
CA45-E2R5#158T	2.5	1500	E	85	125	1.7	37.5	20	0.2	0.791	0.474	0.316
CA45-V2R5#158T	2.5	1500	V	85	125	1.7	37.5	20	0.2	0.866	0.520	0.346
CA45-V2R5#228T	2.5	2200	V	85	125	1.7	55	50	0.2	0.866	0.520	0.346
CA45-A004#225T	4	2.2	A	85	125	2.7	0.5	6	8	0.090	0.054	0.036
CA45-A004#335T	4	3.3	A	85	125	2.7	0.5	6	8	0.090	0.054	0.036
CA45-A004#475T	4	4.7	A	85	125	2.7	0.5	6	8	0.090	0.054	0.036
CA45-B004#475T	4	4.7	B	85	125	2.7	0.5	6	6	0.112	0.067	0.045
CA45-A004#685T	4	6.8	A	85	125	2.7	0.5	6	6	0.104	0.062	0.042
CA45-B004#685T	4	6.8	B	85	125	2.7	0.5	6	5.5	0.117	0.070	0.047
CA45-A004#106T	4	10	A	85	125	2.7	0.5	6	6	0.104	0.062	0.042
CA45-B004#106T	4	10	B	85	125	2.7	0.5	6	3.5	0.146	0.088	0.059
CA45-A004#156T	4	15	A	85	125	2.7	0.6	6	4	0.127	0.076	0.051
CA45-B004#156T	4	15	B	85	125	2.7	0.6	6	3.5	0.146	0.088	0.059
CA45-C004#156T	4	15	C	85	125	2.7	0.6	6	3.5	0.160	0.096	0.064
CA45-A004#226T	4	22	A	85	125	2.7	0.9	6	2.5	0.161	0.097	0.064
CA45-B004#226T	4	22	B	85	125	2.7	0.9	6	3.2	0.153	0.092	0.061
CA45-C004#226T	4	22	C	85	125	2.7	0.9	6	1.8	0.224	0.134	0.089
CA45-A004#336T	4	33	A	85	125	2.7	1.3	8	3	0.147	0.088	0.059
CA45-B004#336T	4	33	B	85	125	2.7	1.3	6	3.2	0.153	0.092	0.061
CA45-C004#336T	4	33	C	85	125	2.7	1.3	6	1.8	0.224	0.134	0.089
CA45-A004#476T	4	47	A	85	125	2.7	1.9	12	2.5	0.161	0.097	0.064
CA45-B004#476T	4	47	B	85	125	2.7	1.9	6	2.6	0.170	0.102	0.068
CA45-C004#476T	4	47	C	85	125	2.7	1.9	6	1.8	0.224	0.134	0.089
CA45-A004#686T	4	68	A	85	125	2.7	2.7	24	2.5	0.161	0.097	0.064
CA45-B004#686T	4	68	B	85	125	2.7	2.7	6	1.8	0.204	0.122	0.082
CA45-C004#686T	4	68	C	85	125	2.7	2.7	6	1.5	0.245	0.147	0.098
CA45-A004#107T	4	100	A	85	125	2.7	4	30	2	0.180	0.108	0.072
CA45-B004#107T	4	100	B	85	125	2.7	4	14	0.9	0.289	0.173	0.115
CA45-C004#107T	4	100	C	85	125	2.7	4	8	1.2	0.274	0.164	0.110
CA45-B004#157T	4	150	B	85	125	2.7	6	18	1.5	0.224	0.134	0.089
CA45-C004#157T	4	150	C	85	125	2.7	6	8	1.1	0.286	0.172	0.114
CA45-D004#157T	4	150	D	85	125	2.7	6	8	0.8	0.362	0.217	0.145
CA45-B004#227T	4	220	B	85	125	2.7	8.8	18	1.1	0.261	0.157	0.104
CA45-C004#227T	4	220	C	85	125	2.7	8.8	12	1.2	0.274	0.164	0.110
CA45-D004#227T	4	220	D	85	125	2.7	8.8	8	0.8	0.362	0.217	0.145



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
	V	μF		°C	°C	V	μA	%	Ω			
CA45-C004#337T	4	330	C	85	125	2.7	13.2	10	0.7	0.359	0.215	0.143
CA45-D004#337T	4	330	D	85	125	2.7	13.2	8	0.9	0.342	0.205	0.137
CA45-E004#337T	4	330	E	85	125	2.7	13.2	12	0.8	0.395	0.237	0.158
CA45-C004#477T	4	470	C	85	125	2.7	18.8	14	0.3	0.548	0.329	0.219
CA45-D004#477T	4	470	D	85	125	2.7	18.8	10	0.9	0.342	0.205	0.137
CA45-E004#477T	4	470	E	85	125	2.7	18.8	10	0.5	0.500	0.300	0.200
CA45-D004#687T	4	680	D	85	125	2.7	27.2	12	0.5	0.458	0.275	0.183
CA45-E004#687T	4	680	E	85	125	2.7	27.2	14	0.9	0.373	0.224	0.149
CA45-D004#108T	4	1000	D	85	125	2.7	40	60	0.5	0.458	0.275	0.183
CA45-E004#108T	4	1000	E	85	125	2.7	40	15	0.4	0.559	0.335	0.224
CA45-V004#108T	4	1000	V	85	125	2.7	40	12	0.2	0.866	0.520	0.346
CA45-E004#158T	4	1500	E	85	125	2.7	60	30	0.2	0.791	0.474	0.316
CA45-V004#158T	4	1500	V	85	125	2.7	60	30	0.2	0.866	0.520	0.346
CA45-A6R3#155T	6.3	1.5	A	85	125	4	0.5	6	8	0.090	0.054	0.036
CA45-A6R3#225T	6.3	2.2	A	85	125	4	0.5	6	8	0.090	0.054	0.036
CA45-A6R3#335T	6.3	3.3	A	85	125	4	0.5	6	8	0.090	0.054	0.036
CA45-B6R3#335T	6.3	3.3	B	85	125	4	0.5	6	7	0.104	0.062	0.041
CA45-A6R3#475T	6.3	4.7	A	85	125	4	0.5	6	6	0.104	0.062	0.042
CA45-B6R3#475T	6.3	4.7	B	85	125	4	0.5	6	5.5	0.117	0.070	0.047
CA45-A6R3#685T	6.3	6.8	A	85	125	4	0.5	6	6	0.104	0.062	0.042
CA45-B6R3#685T	6.3	6.8	B	85	125	4	0.5	6	3.5	0.146	0.088	0.059
CA45-A6R3#106T	6.3	10	A	85	125	4	0.6	6	4	0.127	0.076	0.051
CA45-B6R3#106T	6.3	10	B	85	125	4	0.6	6	3.5	0.146	0.088	0.059
CA45-C6R3#106T	6.3	10	C	85	125	4	0.6	6	3	0.173	0.104	0.069
CA45-A6R3#156T	6.3	15	A	85	125	4	0.9	6	3.5	0.136	0.082	0.055
CA45-B6R3#156T	6.3	15	B	85	125	4	0.9	6	3	0.158	0.095	0.063
CA45-C6R3#156T	6.3	15	C	85	125	4	0.9	6	1.8	0.224	0.134	0.089
CA45-A6R3#226T	6.3	22	A	85	125	4	1.4	6	3	0.147	0.088	0.059
CA45-B6R3#226T	6.3	22	B	85	125	4	1.4	6	3.5	0.146	0.088	0.059
CA45-C6R3#226T	6.3	22	C	85	125	4	1.4	6	1.8	0.224	0.134	0.089
CA45-A6R3#336T	6.3	33	A	85	125	4	2.1	8	2.2	0.172	0.103	0.069
CA45-B6R3#336T	6.3	33	B	85	125	4	2.1	6	3	0.158	0.095	0.063
CA45-C6R3#336T	6.3	33	C	85	125	4	2.1	6	1.8	0.224	0.134	0.089
CA45-A6R3#476T	6.3	47	A	85	125	4	3	12	2.5	0.161	0.097	0.064
CA45-B6R3#476T	6.3	47	B	85	125	4	3	6	2	0.194	0.116	0.077
CA45-C6R3#476T	6.3	47	C	85	125	4	3	6	1.6	0.237	0.142	0.095
CA45-A6R3#686T	6.3	68	A	85	125	4	4.3	20	3.6	0.134	0.081	0.054
CA45-B6R3#686T	6.3	68	B	85	125	4	4.3	8	0.9	0.289	0.173	0.115
CA45-C6R3#686T	6.3	68	C	85	125	4	4.3	6	1.5	0.245	0.147	0.098
CA45-A6R3#107T	6.3	100	A	85	125	4	6.3	35	2	0.180	0.108	0.072
CA45-B6R3#107T	6.3	100	B	85	125	4	6.3	14	1.7	0.210	0.126	0.084
CA45-C6R3#107T	6.3	100	C	85	125	4	6.3	8	0.9	0.316	0.190	0.126
CA45-B6R3#157T	6.3	150	B	85	125	4	9.5	18	1.2	0.250	0.150	0.100
CA45-C6R3#157T	6.3	150	C	85	125	4	9.5	8	1.1	0.286	0.172	0.114
CA45-D6R3#157T	6.3	150	D	85	125	4	9.5	8	0.7	0.387	0.232	0.155
CA45-B6R3#227T	6.3	220	B	85	125	4	13.9	30	1.2	0.250	0.150	0.100
CA45-C6R3#227T	6.3	220	C	85	125	4	13.9	14	1.2	0.274	0.164	0.110
CA45-D6R3#227T	6.3	220	D	85	125	4	13.9	8	0.5	0.458	0.275	0.183
CA45-C6R3#337T	6.3	330	C	85	125	4	20.8	14	0.5	0.424	0.255	0.170
CA45-D6R3#337T	6.3	330	D	85	125	4	20.8	8	0.4	0.512	0.307	0.205
CA45-E6R3#337T	6.3	330	E	85	125	4	20.8	8	0.4	0.559	0.335	0.224
CA45-D6R3#477T	6.3	470	D	85	125	4	29.6	16	0.4	0.512	0.307	0.205



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
	V			°C	°C		V	μA	%	Ω	25°C	85°C
CA45-E6R3#477T	6.3	470	E	85	125	4	29.6	10	0.4	0.559	0.335	0.224
CA45-V6R3#477T	6.3	470	V	85	125	4	29.6	10	0.4	0.612	0.367	0.245
CA45-E6R3#687T	6.3	680	E	85	125	4	42.8	10	0.5	0.500	0.300	0.200
CA45-V6R3#687T	6.3	680	V	85	125	4	42.8	10	0.5	0.548	0.329	0.219
CA45-W6R3#687T	6.3	680	W	85	125	4	42.8	12	0.2	1.000	0.600	0.400
CA45-E6R3#108T	6.3	1000	E	85	125	4	63	20	0.2	0.791	0.474	0.316
CA45-G6R3#108W	6.3	1000	G	85	125	4	63	16	0.2	1.095	0.657	0.438
CA45-V6R3#108T	6.3	1000	V	85	125	4	63	15	0.2	0.866	0.520	0.346
CA45-T6R3#158W	6.3	1500	T	85	125	4	94.5	16	0.2	1.285	0.771	0.514
CA45-A010#105T	10	1	A	85	125	6.3	0.5	4	10	0.081	0.048	0.032
CA45-B010#105T	10	1	B	85	125	6.3	0.5	4	6.5	0.107	0.064	0.043
CA45-A010#155T	10	1.5	A	85	125	6.3	0.5	6	8	0.090	0.054	0.036
CA45-A010#225T	10	2.2	A	85	125	6.3	0.5	6	8	0.090	0.054	0.036
CA45-B010#225T	10	2.2	B	85	125	6.3	0.5	6	3.5	0.146	0.088	0.059
CA45-A010#335T	10	3.3	A	85	125	6.3	0.5	6	5.5	0.109	0.065	0.043
CA45-B010#335T	10	3.3	B	85	125	6.3	0.5	6	5	0.122	0.073	0.049
CA45-A010#475T	10	4.7	A	85	125	6.3	0.5	6	5	0.114	0.068	0.046
CA45-B010#475T	10	4.7	B	85	125	6.3	0.5	6	3.5	0.146	0.088	0.059
CA45-A010#685T	10	6.8	A	85	125	6.3	0.7	6	3.5	0.136	0.082	0.055
CA45-B010#685T	10	6.8	B	85	125	6.3	0.7	6	3.5	0.146	0.088	0.059
CA45-C010#685T	10	6.8	C	85	125	6.3	0.7	6	3.5	0.160	0.096	0.064
CA45-A010#106T	10	10	A	85	125	6.3	1	6	3	0.147	0.088	0.059
CA45-B010#106T	10	10	B	85	125	6.3	1	6	3.5	0.146	0.088	0.059
CA45-C010#106T	10	10	C	85	125	6.3	1	6	1.8	0.224	0.134	0.089
CA45-A010#156T	10	15	A	85	125	6.3	1.5	6	3.2	0.143	0.086	0.057
CA45-B010#156T	10	15	B	85	125	6.3	1.5	6	2.8	0.164	0.098	0.065
CA45-C010#156T	10	15	C	85	125	6.3	1.5	6	1.8	0.224	0.134	0.089
CA45-A010#226T	10	22	A	85	125	6.3	2.2	10	3	0.147	0.088	0.059
CA45-B010#226T	10	22	B	85	125	6.3	2.2	6	2.4	0.177	0.106	0.071
CA45-C010#226T	10	22	C	85	125	6.3	2.2	6	1.8	0.224	0.134	0.089
CA45-A010#336T	10	33	A	85	125	6.3	3.3	15	2.5	0.161	0.097	0.064
CA45-B010#336T	10	33	B	85	125	6.3	3.3	6	1.8	0.204	0.122	0.082
CA45-C010#336T	10	33	C	85	125	6.3	3.3	6	1.5	0.245	0.147	0.098
CA45-A010#476T	10	47	A	85	125	6.3	4.7	40	2	0.180	0.108	0.072
CA45-B010#476T	10	47	B	85	125	6.3	4.7	8	1	0.274	0.164	0.110
CA45-C010#476T	10	47	C	85	125	6.3	4.7	6	1.2	0.274	0.164	0.110
CA45-B010#686T	10	68	B	85	125	6.3	6.8	10	1.4	0.231	0.139	0.093
CA45-C010#686T	10	68	C	85	125	6.3	6.8	6	1.3	0.263	0.158	0.105
CA45-D010#686T	10	68	D	85	125	6.3	6.8	6	0.8	0.362	0.217	0.145
CA45-B010#107T	10	100	B	85	125	6.3	10	28	1.4	0.231	0.139	0.093
CA45-C010#107T	10	100	C	85	125	6.3	10	8	1.2	0.274	0.164	0.110
CA45-D010#107T	10	100	D	85	125	6.3	10	8	0.9	0.342	0.205	0.137
CA45-C010#157T	10	150	C	85	125	6.3	15	10	0.9	0.316	0.190	0.126
CA45-D010#157T	10	150	D	85	125	6.3	15	8	0.9	0.342	0.205	0.137
CA45-E010#157T	10	150	E	85	125	6.3	15	8	0.9	0.373	0.224	0.149
CA45-C010#227T	10	220	C	85	125	6.3	22	16	0.5	0.424	0.255	0.170
CA45-D010#227T	10	220	D	85	125	6.3	22	8	0.5	0.458	0.275	0.183
CA45-E010#227T	10	220	E	85	125	6.3	22	8	0.5	0.500	0.300	0.200
CA45-D010#337T	10	330	D	85	125	6.3	33	14	0.9	0.342	0.205	0.137
CA45-E010#337T	10	330	E	85	125	6.3	33	8	0.9	0.373	0.224	0.149
CA45-V010#337T	10	330	V	85	125	6.3	33	10	0.9	0.408	0.245	0.163
CA45-E010#477T	10	470	E	85	125	6.3	47	10	0.5	0.500	0.300	0.200



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
	V	μF		°C	°C	V	μA	%	Ω	25°C	85°C	125°C
CA45-V010#477T	10	470	V	85	125	6.3	47	10	0.5	0.548	0.329	0.219
CA45-W010#477T	10	470	W	85	125	6.3	47	12	0.5	0.632	0.379	0.253
CA45-E010#687T	10	680	E	85	125	6.3	68	14	0.5	0.500	0.300	0.200
CA45-S010#687W	10	680	S	85	125	6.3	68	12	0.2	1.183	0.710	0.473
CA45-T010#687W	10	680	T	85	125	6.3	68	12	0.2	1.285	0.771	0.514
CA45-T010#108W	10	1000	T	85	125	6.3	100	16	0.2	1.285	0.771	0.514
CA45-A016#684T	16	0.68	A	85	125	10	0.5	4	12	0.074	0.044	0.029
CA45-A016#105T	16	1	A	85	125	10	0.5	4	7.5	0.093	0.056	0.037
CA45-B016#105T	16	1	B	85	125	10	0.5	4	6.5	0.107	0.064	0.043
CA45-A016#155T	16	1.5	A	85	125	10	0.5	6	8	0.090	0.054	0.036
CA45-B016#155T	16	1.5	B	85	125	10	0.5	6	8	0.097	0.058	0.039
CA45-A016#225T	16	2.2	A	85	125	10	0.5	6	5	0.114	0.068	0.046
CA45-B016#225T	16	2.2	B	85	125	10	0.5	6	5.5	0.117	0.070	0.047
CA45-A016#335T	16	3.3	A	85	125	10	0.5	6	4.5	0.120	0.072	0.048
CA45-B016#335T	16	3.3	B	85	125	10	0.5	6	3.5	0.146	0.088	0.059
CA45-A016#475T	16	4.7	A	85	125	10	0.8	6	4	0.127	0.076	0.051
CA45-B016#475T	16	4.7	B	85	125	10	0.8	6	3.5	0.146	0.088	0.059
CA45-C016#475T	16	4.7	C	85	125	10	0.8	6	2.4	0.194	0.116	0.077
CA45-A016#685T	16	6.8	A	85	125	10	1.1	6	3.5	0.136	0.082	0.055
CA45-B016#685T	16	6.8	B	85	125	10	1.1	6	2.5	0.173	0.104	0.069
CA45-C016#685T	16	6.8	C	85	125	10	1.1	6	1.9	0.218	0.131	0.087
CA45-A016#106T	16	10	A	85	125	10	1.6	6	3	0.147	0.088	0.059
CA45-B016#106T	16	10	B	85	125	10	1.6	6	2.5	0.173	0.104	0.069
CA45-C016#106T	16	10	C	85	125	10	1.6	6	1.8	0.224	0.134	0.089
CA45-A016#156T	16	15	A	85	125	10	2.4	6	2	0.180	0.108	0.072
CA45-B016#156T	16	15	B	85	125	10	2.4	6	2.5	0.173	0.104	0.069
CA45-C016#156T	16	15	C	85	125	10	2.4	6	1.8	0.224	0.134	0.089
CA45-A016#226T	16	22	A	85	125	10	3.5	15	3	0.147	0.088	0.059
CA45-B016#226T	16	22	B	85	125	10	3.5	6	2.2	0.185	0.111	0.074
CA45-C016#226T	16	22	C	85	125	10	3.5	6	1.1	0.286	0.172	0.114
CA45-B016#336T	16	33	B	85	125	10	5.3	8	1.9	0.199	0.119	0.079
CA45-C016#336T	16	33	C	85	125	10	5.3	6	1.5	0.245	0.147	0.098
CA45-D016#336T	16	33	D	85	125	10	5.3	6	0.8	0.362	0.217	0.145
CA45-C016#476T	16	47	C	85	125	10	7.5	6	0.9	0.316	0.190	0.126
CA45-D016#476T	16	47	D	85	125	10	7.5	6	0.9	0.342	0.205	0.137
CA45-E016#476T	16	47	E	85	125	10	7.5	6	0.9	0.373	0.224	0.149
CA45-C016#686T	16	68	C	85	125	10	10.9	6	1.2	0.274	0.164	0.110
CA45-D016#686T	16	68	D	85	125	10	10.9	6	0.9	0.342	0.205	0.137
CA45-E016#686T	16	68	E	85	125	10	10.9	6	0.9	0.373	0.224	0.149
CA45-C016#107T	16	100	C	85	125	10	16	12	1	0.300	0.180	0.120
CA45-D016#107T	16	100	D	85	125	10	16	8	0.7	0.387	0.232	0.155
CA45-E016#107T	16	100	E	85	125	10	16	6	0.9	0.373	0.224	0.149
CA45-D016#157T	16	150	D	85	125	10	24	8	0.9	0.342	0.205	0.137
CA45-E016#157T	16	150	E	85	125	10	24	8	0.5	0.500	0.300	0.200
CA45-V016#157T	16	150	V	85	125	10	24	8	0.5	0.548	0.329	0.219
CA45-D016#227T	16	220	D	85	125	10	35.2	25	0.81	0.360	0.216	0.144
CA45-E016#227T	16	220	E	85	125	10	35.2	10	0.5	0.500	0.300	0.200
CA45-V016#227T	16	220	V	85	125	10	35.2	8	0.9	0.408	0.245	0.163
CA45-E016#337T	16	330	E	85	125	10	52.8	12	0.8	0.395	0.237	0.158
CA45-V016#337T	16	330	V	85	125	10	52.8	12	0.8	0.433	0.260	0.173
CA45-W016#337T	16	330	W	85	125	10	52.8	10	0.2	1.000	0.600	0.400
CA45-E016#477T	16	470	E	85	125	10	75.2	16	0.8	0.395	0.237	0.158



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
CA45-G016#477W	16	470	G	85	125	10	75.2	12	0.2	1.095	0.657	0.438
CA45-W016#477T	16	470	W	85	125	10	75.2	12	0.2	1.000	0.600	0.400
CA45-T016#687W	16	680	T	85	125	10	108.8	12	0.1	1.817	1.090	0.727
CA45-A020#474T	20	0.47	A	85	125	15	0.5	4	14	0.068	0.041	0.027
CA45-A020#684T	20	0.68	A	85	125	15	0.5	4	12	0.074	0.044	0.029
CA45-A020#105T	20	1	A	85	125	15	0.5	4	9	0.085	0.051	0.034
CA45-B020#105T	20	1	B	85	125	15	0.5	4	9	0.091	0.055	0.037
CA45-A020#155T	20	1.5	A	85	125	15	0.5	6	6.5	0.100	0.060	0.040
CA45-B020#155T	20	1.5	B	85	125	15	0.5	6	6	0.112	0.067	0.045
CA45-A020#225T	20	2.2	A	85	125	15	0.5	6	5.3	0.111	0.066	0.044
CA45-B020#225T	20	2.2	B	85	125	15	0.5	6	3.5	0.146	0.088	0.059
CA45-A020#335T	20	3.3	A	85	125	15	0.7	4	4.5	0.120	0.072	0.048
CA45-B020#335T	20	3.3	B	85	125	15	0.7	6	3	0.158	0.095	0.063
CA45-C020#335T	20	3.3	C	85	125	15	0.7	6	3.5	0.160	0.096	0.064
CA45-A020#475T	20	4.7	A	85	125	15	0.9	6	4	0.127	0.076	0.051
CA45-B020#475T	20	4.7	B	85	125	15	0.9	6	2.8	0.164	0.098	0.065
CA45-C020#475T	20	4.7	C	85	125	15	0.9	6	2.4	0.194	0.116	0.077
CA45-A020#685T	20	6.8	A	85	125	15	1.4	6	2.4	0.165	0.099	0.066
CA45-B020#685T	20	6.8	B	85	125	15	1.4	6	2.4	0.177	0.106	0.071
CA45-C020#685T	20	6.8	C	85	125	15	1.4	6	1.9	0.218	0.131	0.087
CA45-A020#106T	20	10	A	85	125	15	2	8	3.5	0.136	0.082	0.055
CA45-B020#106T	20	10	B	85	125	15	2	6	2	0.194	0.116	0.077
CA45-C020#106T	20	10	C	85	125	15	2	6	1.2	0.274	0.164	0.110
CA45-B020#156T	20	15	B	85	125	15	3	6	2	0.194	0.116	0.077
CA45-C020#156T	20	15	C	85	125	15	3	6	1.7	0.230	0.138	0.092
CA45-D020#156T	20	15	D	85	125	15	3	6	1	0.324	0.194	0.130
CA45-B020#226T	20	22	B	85	125	15	4.4	8	1.8	0.204	0.122	0.082
CA45-C020#226T	20	22	C	85	125	15	4.4	6	1.1	0.286	0.172	0.114
CA45-D020#226T	20	22	D	85	125	15	4.4	6	0.8	0.362	0.217	0.145
CA45-C020#336T	20	33	C	85	125	15	6.6	6	1.5	0.245	0.147	0.098
CA45-D020#336T	20	33	D	85	125	15	6.6	6	0.9	0.342	0.205	0.137
CA45-C020#476T	20	47	C	85	125	15	9.4	8	0.5	0.424	0.255	0.170
CA45-D020#476T	20	47	D	85	125	15	9.4	6	0.9	0.342	0.205	0.137
CA45-E020#476T	20	47	E	85	125	15	9.4	6	0.9	0.373	0.224	0.149
CA45-C020#686T	20	68	C	85	125	15	13.6	8	0.5	0.424	0.255	0.170
CA45-D020#686T	20	68	D	85	125	15	13.6	6	0.4	0.512	0.307	0.205
CA45-E020#686T	20	68	E	85	125	15	13.6	6	0.9	0.373	0.224	0.149
CA45-D020#107T	20	100	D	85	125	15	20	6	0.5	0.458	0.275	0.183
CA45-E020#107T	20	100	E	85	125	15	20	6	0.4	0.559	0.335	0.224
CA45-V020#107T	20	100	V	85	125	15	20	8	0.9	0.408	0.245	0.163
CA45-D020#157T	20	150	D	85	125	15	30	10	0.9	0.342	0.205	0.137
CA45-E020#157T	20	150	E	85	125	15	30	8	0.3	0.645	0.387	0.258
CA45-V020#157T	20	150	V	85	125	15	30	8	0.3	0.707	0.424	0.283
CA45-E020#227T	20	220	E	85	125	15	44	12	0.9	0.373	0.224	0.149
CA45-V020#227T	20	220	V	85	125	15	44	12	0.9	0.408	0.245	0.163
CA45-W020#227T	20	220	W	85	125	15	44	10	0.2	1.000	0.600	0.400
CA45-E020#337T	20	330	E	85	125	15	66	12	0.8	0.395	0.237	0.158
CA45-V020#337T	20	330	V	85	125	15	66	12	0.8	0.433	0.260	0.173
CA45-W020#337T	20	330	W	85	125	15	66	10	0.2	1.000	0.600	0.400
CA45-T020#477W	20	470	T	85	125	15	94	12	0.2	1.285	0.771	0.514
CA45-A025#334T	25	0.33	A	85	125	17	0.5	4	15	0.066	0.039	0.026
CA45-A025#474T	25	0.47	A	85	125	17	0.5	4	13	0.071	0.042	0.028



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
CA45-A025#684T	25	0.68	A	85	125	17	0.5	4	10	0.081	0.048	0.032
CA45-B025#684T	25	0.68	B	85	125	17	0.5	4	7.5	0.100	0.060	0.040
CA45-A025#105T	25	1	A	85	125	17	0.5	4	7.5	0.093	0.056	0.037
CA45-B025#105T	25	1	B	85	125	17	0.5	4	5	0.122	0.073	0.049
CA45-A025#155T	25	1.5	A	85	125	17	0.5	4	6.7	0.098	0.059	0.039
CA45-B025#155T	25	1.5	B	85	125	17	0.5	6	5	0.122	0.073	0.049
CA45-A025#225T	25	2.2	A	85	125	17	0.6	6	7	0.096	0.058	0.039
CA45-B025#225T	25	2.2	B	85	125	17	0.6	6	4.5	0.129	0.077	0.052
CA45-C025#225T	25	2.2	C	85	125	17	0.6	6	3.5	0.160	0.096	0.064
CA45-A025#335T	25	3.3	A	85	125	17	0.8	6	3.7	0.133	0.080	0.053
CA45-B025#335T	25	3.3	B	85	125	17	0.8	6	3.5	0.146	0.088	0.059
CA45-C025#335T	25	3.3	C	85	125	17	0.8	6	2.5	0.190	0.114	0.076
CA45-A025#475T	25	4.7	A	85	125	17	1.2	6	3.1	0.145	0.087	0.058
CA45-B025#475T	25	4.7	B	85	125	17	1.2	6	1.5	0.224	0.134	0.089
CA45-C025#475T	25	4.7	C	85	125	17	1.2	6	2.4	0.194	0.116	0.077
CA45-B025#685T	25	6.8	B	85	125	17	1.7	6	2.8	0.164	0.098	0.065
CA45-C025#685T	25	6.8	C	85	125	17	1.7	6	1.9	0.218	0.131	0.087
CA45-D025#685T	25	6.8	D	85	125	17	1.7	6	1.4	0.274	0.164	0.110
CA45-B025#106T	25	10	B	85	125	17	2.5	6	2.5	0.173	0.104	0.069
CA45-C025#106T	25	10	C	85	125	17	2.5	6	1.5	0.245	0.147	0.098
CA45-D025#106T	25	10	D	85	125	17	2.5	6	1	0.324	0.194	0.130
CA45-C025#156T	25	15	C	85	125	17	3.8	6	1.5	0.245	0.147	0.098
CA45-D025#156T	25	15	D	85	125	17	3.8	6	0.9	0.342	0.205	0.137
CA45-C025#226T	25	22	C	85	125	17	5.5	6	1.4	0.254	0.152	0.101
CA45-D025#226T	25	22	D	85	125	17	5.5	6	0.9	0.342	0.205	0.137
CA45-D025#336T	25	33	D	85	125	17	8.3	6	0.9	0.342	0.205	0.137
CA45-E025#336T	25	33	E	85	125	17	8.3	6	0.9	0.373	0.224	0.149
CA45-D025#476T	25	47	D	85	125	17	11.8	6	0.9	0.342	0.205	0.137
CA45-E025#476T	25	47	E	85	125	17	11.8	6	0.9	0.373	0.224	0.149
CA45-W025#476T	25	47	W	85	125	17	11.8	6	0.3	0.816	0.490	0.327
CA45-D025#686T	25	68	D	85	125	17	17	6	0.9	0.342	0.205	0.137
CA45-E025#686T	25	68	E	85	125	17	17	6	0.9	0.373	0.224	0.149
CA45-V025#686T	25	68	V	85	125	17	17	6	0.9	0.408	0.245	0.163
CA45-E025#107T	25	100	E	85	125	17	25	10	0.3	0.645	0.387	0.258
CA45-V025#107T	25	100	V	85	125	17	25	8	0.4	0.612	0.367	0.245
CA45-W025#107T	25	100	W	85	125	17	25	8	0.25	0.894	0.537	0.358
CA45-E025#157T	25	150	E	85	125	17	37.5	10	0.8	0.395	0.237	0.158
CA45-V025#157T	25	150	V	85	125	17	37.5	10	0.4	0.612	0.367	0.245
CA45-W025#157T	25	150	W	85	125	17	37.5	8	0.25	0.894	0.537	0.358
CA45-G025#227W	25	220	G	85	125	17	55	10	0.2	1.095	0.657	0.438
CA45-S025#227W	25	220	S	85	125	17	55	10	0.2	1.183	0.710	0.473
CA45-T025#227W	25	220	T	85	125	17	55	10	0.2	1.285	0.771	0.514
CA45-T025#337W	25	330	T	85	125	17	82.5	10	0.2	1.285	0.771	0.514
CA45-A035#104T	35	0.1	A	85	125	23	0.5	4	24	0.052	0.031	0.021
CA45-A035#154T	35	0.15	A	85	125	23	0.5	4	19	0.058	0.035	0.023
CA45-A035#224T	35	0.22	A	85	125	23	0.5	4	18	0.060	0.036	0.024
CA45-A035#334T	35	0.33	A	85	125	23	0.5	4	15	0.066	0.039	0.026
CA45-A035#474T	35	0.47	A	85	125	23	0.5	4	12	0.074	0.044	0.029
CA45-B035#474T	35	0.47	B	85	125	23	0.5	4	8	0.097	0.058	0.039
CA45-A035#684T	35	0.68	A	85	125	23	0.5	4	8	0.090	0.054	0.036
CA45-B035#684T	35	0.68	B	85	125	23	0.5	4	6.5	0.107	0.064	0.043
CA45-A035#105T	35	1	A	85	125	23	0.5	4	7.5	0.093	0.056	0.037



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
CA45-B035#105T	35	1	B	85	125	23	0.5	4	4	0.137	0.082	0.055
CA45-A035#155T	35	1.5	A	85	125	23	0.5	6	7	0.096	0.058	0.039
CA45-B035#155T	35	1.5	B	85	125	23	0.5	6	5	0.122	0.073	0.049
CA45-C035#155T	35	1.5	C	85	125	23	0.5	6	4.5	0.141	0.085	0.057
CA45-A035#225T	35	2.2	A	85	125	23	0.8	6	4.5	0.120	0.072	0.048
CA45-B035#225T	35	2.2	B	85	125	23	0.8	6	4	0.137	0.082	0.055
CA45-C035#225T	35	2.2	C	85	125	23	0.8	6	3.2	0.168	0.101	0.067
CA45-B035#335T	35	3.3	B	85	125	23	1.2	6	3.5	0.146	0.088	0.059
CA45-C035#335T	35	3.3	C	85	125	23	1.2	6	2.5	0.190	0.114	0.076
CA45-B035#475T	35	4.7	B	85	125	23	1.6	6	3.1	0.156	0.093	0.062
CA45-C035#475T	35	4.7	C	85	125	23	1.6	6	2.2	0.202	0.121	0.081
CA45-D035#475T	35	4.7	D	85	125	23	1.6	6	1.5	0.265	0.159	0.106
CA45-B035#685T	35	6.8	B	85	125	23	2.4	6	1.8	0.204	0.122	0.082
CA45-C035#685T	35	6.8	C	85	125	23	2.4	6	1.8	0.224	0.134	0.089
CA45-D035#685T	35	6.8	D	85	125	23	2.4	6	1.3	0.284	0.171	0.114
CA45-C035#106T	35	10	C	85	125	23	3.5	6	1.6	0.237	0.142	0.095
CA45-D035#106T	35	10	D	85	125	23	3.5	6	1	0.324	0.194	0.130
CA45-E035#106T	35	10	E	85	125	23	3.5	6	0.9	0.373	0.224	0.149
CA45-C035#156T	35	15	C	85	125	23	5.3	6	1.4	0.254	0.152	0.101
CA45-D035#156T	35	15	D	85	125	23	5.3	6	0.8	0.362	0.217	0.145
CA45-E035#156T	35	15	E	85	125	23	5.3	6	0.9	0.373	0.224	0.149
CA45-C035#226T	35	22	C	85	125	23	7.7	6	1.4	0.254	0.152	0.101
CA45-D035#226T	35	22	D	85	125	23	7.7	6	0.7	0.387	0.232	0.155
CA45-E035#226T	35	22	E	85	125	23	7.7	6	0.5	0.500	0.300	0.200
CA45-D035#336T	35	33	D	85	125	23	11.6	6	0.9	0.342	0.205	0.137
CA45-E035#336T	35	33	E	85	125	23	11.6	6	0.9	0.373	0.224	0.149
CA45-V035#336T	35	33	V	85	125	23	11.6	6	0.5	0.548	0.329	0.219
CA45-D035#476T	35	47	D	85	125	23	16.5	10	1.2	0.296	0.177	0.118
CA45-E035#476T	35	47	E	85	125	23	16.5	10	0.9	0.373	0.224	0.149
CA45-V035#476T	35	47	V	85	125	23	16.5	8	0.4	0.612	0.367	0.245
CA45-E035#686T	35	68	E	85	125	23	23.8	8	1	0.354	0.212	0.141
CA45-V035#686T	35	68	V	85	125	23	23.8	6	0.5	0.548	0.329	0.219
CA45-W035#686T	35	68	W	85	125	23	23.8	6	0.3	0.816	0.490	0.327
CA45-G035#107W	35	100	G	85	125	23	35	8	0.25	0.980	0.588	0.392
CA45-S035#107W	35	100	S	85	125	23	35	8	0.25	1.058	0.635	0.423
CA45-T035#107W	35	100	T	85	125	23	35	8	0.25	1.149	0.689	0.460
CA45-T035#157W	35	150	T	85	125	23	52.5	8	0.2	1.285	0.771	0.514
CA45-A050#104T	50	0.1	A	85	125	33	0.5	4	20	0.057	0.034	0.023
CA45-A050#154T	50	0.15	A	85	125	33	0.5	4	15	0.066	0.039	0.026
CA45-B050#154T	50	0.15	B	85	125	33	0.5	4	16	0.068	0.041	0.027
CA45-A050#224T	50	0.22	A	85	125	33	0.5	4	18	0.060	0.036	0.024
CA45-B050#224T	50	0.22	B	85	125	33	0.5	4	14	0.073	0.044	0.029
CA45-A050#334T	50	0.33	A	85	125	33	0.5	4	14	0.068	0.041	0.027
CA45-B050#334T	50	0.33	B	85	125	33	0.5	4	10	0.087	0.052	0.035
CA45-A050#474T	50	0.47	A	85	125	33	0.5	4	9.5	0.083	0.050	0.033
CA45-B050#474T	50	0.47	B	85	125	33	0.5	4	9	0.091	0.055	0.037
CA45-C050#474T	50	0.47	C	85	125	33	0.5	4	8	0.106	0.064	0.042
CA45-A050#684T	50	0.68	A	85	125	33	0.5	4	7.9	0.091	0.054	0.036
CA45-B050#684T	50	0.68	B	85	125	33	0.5	4	8	0.097	0.058	0.039
CA45-C050#684T	50	0.68	C	85	125	33	0.5	4	7	0.113	0.068	0.045
CA45-A050#105T	50	1	A	85	125	33	0.5	4	6.6	0.099	0.060	0.040
CA45-B050#105T	50	1	B	85	125	33	0.5	6	6	0.112	0.067	0.045



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
CA45-C050#105T	50	1	C	85	125	33	0.5	4	5	0.134	0.080	0.054
CA45-B050#155T	50	1.5	B	85	125	33	0.8	8	5.4	0.118	0.071	0.047
CA45-C050#155T	50	1.5	C	85	125	33	0.8	6	4.5	0.141	0.085	0.057
CA45-D050#155T	50	1.5	D	85	125	33	0.8	6	3.5	0.173	0.104	0.069
CA45-B050#225T	50	2.2	B	85	125	33	1.1	8	4.5	0.129	0.077	0.052
CA45-C050#225T	50	2.2	C	85	125	33	1.1	6	2.5	0.190	0.114	0.076
CA45-D050#225T	50	2.2	D	85	125	33	1.1	6	2.5	0.205	0.123	0.082
CA45-C050#335T	50	3.3	C	85	125	33	1.7	6	2	0.212	0.127	0.085
CA45-D050#335T	50	3.3	D	85	125	33	1.7	6	2	0.229	0.137	0.092
CA45-C050#475T	50	4.7	C	85	125	33	2.4	4	1.4	0.254	0.152	0.101
CA45-D050#475T	50	4.7	D	85	125	33	2.4	6	1.2	0.296	0.177	0.118
CA45-C050#685T	50	6.8	C	85	125	33	3.4	6	1	0.300	0.180	0.120
CA45-D050#685T	50	6.8	D	85	125	33	3.4	6	1	0.324	0.194	0.130
CA45-E050#685T	50	6.8	E	85	125	33	3.4	6	1.5	0.289	0.173	0.115
CA45-D050#106T	50	10	D	85	125	33	5	6	0.8	0.362	0.217	0.145
CA45-E050#106T	50	10	E	85	125	33	5	6	1	0.354	0.212	0.141
CA45-V050#106T	50	10	V	85	125	33	5	6	0.65	0.480	0.288	0.192
CA45-D050#156T	50	15	D	85	125	33	7.5	6	0.6	0.418	0.251	0.167
CA45-E050#156T	50	15	E	85	125	33	7.5	6	0.6	0.456	0.274	0.183
CA45-V050#156T	50	15	V	85	125	33	7.5	6	0.6	0.500	0.300	0.200
CA45-E050#226T	50	22	E	85	125	33	11	8	0.9	0.373	0.224	0.149
CA45-V050#226T	50	22	V	85	125	33	11	8	0.6	0.500	0.300	0.200
CA45-W050#226T	50	22	W	85	125	33	11	6	0.4	0.707	0.424	0.283
CA45-G050#336W	50	33	G	85	125	33	16.5	6	0.3	0.894	0.537	0.358
CA45-S050#336W	50	33	S	85	125	33	16.5	6	0.3	0.966	0.580	0.386
CA45-W050#336T	50	33	W	85	125	33	16.5	6	0.3	0.816	0.490	0.327
CA45-S050#476W	50	47	S	85	125	33	23.5	6	0.3	0.966	0.580	0.386
CA45-T050#476W	50	47	T	85	125	33	23.5	6	0.3	1.049	0.629	0.420
CA45-T050#686W	50	68	T	85	125	33	34	6	0.25	1.149	0.689	0.460
CA45-T050#107W	50	100	T	85	125	33	50	8	0.25	1.149	0.689	0.460
CA45-C063#334T	63	0.33	C	85	125	40	0.5	6	9	0.100	0.060	0.040
CA45-C063#474T	63	0.47	C	85	125	40	0.5	6	7	0.113	0.068	0.045
CA45-C063#684T	63	0.68	C	85	125	40	0.5	6	6	0.122	0.073	0.049
CA45-C063#105T	63	1	C	85	125	40	0.6	6	5	0.134	0.080	0.054
CA45-D063#155T	63	1.5	D	85	125	40	0.9	6	3.5	0.173	0.104	0.069
CA45-D063#225T	63	2.2	D	85	125	40	1.4	6	2	0.229	0.137	0.092
CA45-D063#335T	63	3.3	D	85	125	40	2.1	6	1.5	0.265	0.159	0.106
CA45-E063#475T	63	4.7	E	85	125	40	3	6	1	0.354	0.212	0.141
CA45-E063#685T	63	6.8	E	85	125	40	4.3	6	0.8	0.395	0.237	0.158
CA45-E063#106T	63	10	E	85	125	40	6.3	8	0.6	0.456	0.274	0.183
CA45-W063#106T	63	10	W	85	125	40	6.3	6	0.4	0.707	0.424	0.283
CA45-E063#156T	63	15	E	85	125	40	9.5	8	0.4	0.559	0.335	0.224
CA45-V063#156T	63	15	V	85	125	40	9.5	8	0.4	0.612	0.367	0.245
CA45-W063#156T	63	15	W	85	125	40	9.5	8	0.4	0.707	0.424	0.283
CA45-G063#226W	63	22	G	85	125	40	13.9	6	0.4	0.775	0.465	0.310
CA45-V063#226T	63	22	V	85	125	40	13.9	8	0.4	0.612	0.367	0.245
CA45-W063#226T	63	22	W	85	125	40	13.9	6	0.4	0.707	0.424	0.283
CA45-T063#336W	63	33	T	85	125	40	20.8	6	0.3	1.049	0.629	0.420
CA45-T063#476W	63	47	T	85	125	40	29.6	6	0.3	1.049	0.629	0.420
CA45-T063#686W	63	68	T	85	125	40	42.8	6	0.25	1.149	0.689	0.460
CA45-C075#224T	75	0.22	C	85	125	50	0.5	6	11	0.090	0.054	0.036
CA45-C075#334T	75	0.33	C	85	125	50	0.5	6	9	0.100	0.060	0.040



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
	V	μF		°C	°C	V	μA	%	Ω			
CA45-C050#105T	50	1	C	85	125	33	0.5	4	5	0.134	0.080	0.054
CA45-B050#155T	50	1.5	B	85	125	33	0.8	8	5.4	0.118	0.071	0.047
CA45-C050#155T	50	1.5	C	85	125	33	0.8	6	4.5	0.141	0.085	0.057
CA45-D050#155T	50	1.5	D	85	125	33	0.8	6	3.5	0.173	0.104	0.069
CA45-B050#225T	50	2.2	B	85	125	33	1.1	8	4.5	0.129	0.077	0.052
CA45-C050#225T	50	2.2	C	85	125	33	1.1	6	2.5	0.190	0.114	0.076
CA45-D050#225T	50	2.2	D	85	125	33	1.1	6	2.5	0.205	0.123	0.082
CA45-C050#335T	50	3.3	C	85	125	33	1.7	6	2	0.212	0.127	0.085
CA45-D050#335T	50	3.3	D	85	125	33	1.7	6	2	0.229	0.137	0.092
CA45-C050#475T	50	4.7	C	85	125	33	2.4	4	1.4	0.254	0.152	0.101
CA45-D050#475T	50	4.7	D	85	125	33	2.4	6	1.2	0.296	0.177	0.118
CA45-C050#685T	50	6.8	C	85	125	33	3.4	6	1	0.300	0.180	0.120
CA45-D050#685T	50	6.8	D	85	125	33	3.4	6	1	0.324	0.194	0.130
CA45-E050#685T	50	6.8	E	85	125	33	3.4	6	1.5	0.289	0.173	0.115
CA45-D050#106T	50	10	D	85	125	33	5	6	0.8	0.362	0.217	0.145
CA45-E050#106T	50	10	E	85	125	33	5	6	1	0.354	0.212	0.141
CA45-V050#106T	50	10	V	85	125	33	5	6	0.65	0.480	0.288	0.192
CA45-D050#156T	50	15	D	85	125	33	7.5	6	0.6	0.418	0.251	0.167
CA45-E050#156T	50	15	E	85	125	33	7.5	6	0.6	0.456	0.274	0.183
CA45-V050#156T	50	15	V	85	125	33	7.5	6	0.6	0.500	0.300	0.200
CA45-E050#226T	50	22	E	85	125	33	11	8	0.9	0.373	0.224	0.149
CA45-V050#226T	50	22	V	85	125	33	11	8	0.6	0.500	0.300	0.200
CA45-W050#226T	50	22	W	85	125	33	11	6	0.4	0.707	0.424	0.283
CA45-G050#336W	50	33	G	85	125	33	16.5	6	0.3	0.894	0.537	0.358
CA45-S050#336W	50	33	S	85	125	33	16.5	6	0.3	0.966	0.580	0.386
CA45-W050#336T	50	33	W	85	125	33	16.5	6	0.3	0.816	0.490	0.327
CA45-S050#476W	50	47	S	85	125	33	23.5	6	0.3	0.966	0.580	0.386
CA45-T050#476W	50	47	T	85	125	33	23.5	6	0.3	1.049	0.629	0.420
CA45-T050#686W	50	68	T	85	125	33	34	6	0.25	1.149	0.689	0.460
CA45-T050#107W	50	100	T	85	125	33	50	8	0.25	1.149	0.689	0.460
CA45-C063#334T	63	0.33	C	85	125	40	0.5	6	9	0.100	0.060	0.040
CA45-C063#474T	63	0.47	C	85	125	40	0.5	6	7	0.113	0.068	0.045
CA45-C063#684T	63	0.68	C	85	125	40	0.5	6	6	0.122	0.073	0.049
CA45-C063#105T	63	1	C	85	125	40	0.6	6	5	0.134	0.080	0.054
CA45-D063#155T	63	1.5	D	85	125	40	0.9	6	3.5	0.173	0.104	0.069
CA45-D063#225T	63	2.2	D	85	125	40	1.4	6	2	0.229	0.137	0.092
CA45-D063#335T	63	3.3	D	85	125	40	2.1	6	1.5	0.265	0.159	0.106
CA45-E063#475T	63	4.7	E	85	125	40	3	6	1	0.354	0.212	0.141
CA45-E063#685T	63	6.8	E	85	125	40	4.3	6	0.8	0.395	0.237	0.158
CA45-E063#106T	63	10	E	85	125	40	6.3	8	0.6	0.456	0.274	0.183
CA45-W063#106T	63	10	W	85	125	40	6.3	6	0.4	0.707	0.424	0.283
CA45-E063#156T	63	15	E	85	125	40	9.5	8	0.4	0.559	0.335	0.224
CA45-V063#156T	63	15	V	85	125	40	9.5	8	0.4	0.612	0.367	0.245
CA45-W063#156T	63	15	W	85	125	40	9.5	8	0.4	0.707	0.424	0.283
CA45-G063#226W	63	22	G	85	125	40	13.9	6	0.4	0.775	0.465	0.310
CA45-V063#226T	63	22	V	85	125	40	13.9	8	0.4	0.612	0.367	0.245
CA45-W063#226T	63	22	W	85	125	40	13.9	6	0.4	0.707	0.424	0.283
CA45-T063#336W	63	33	T	85	125	40	20.8	6	0.3	1.049	0.629	0.420
CA45-T063#476W	63	47	T	85	125	40	29.6	6	0.3	1.049	0.629	0.420
CA45-T063#686W	63	68	T	85	125	40	42.8	6	0.25	1.149	0.689	0.460
CA45-C075#224T	75	0.22	C	85	125	50	0.5	6	11	0.090	0.054	0.036
CA45-C075#334T	75	0.33	C	85	125	50	0.5	6	9	0.100	0.060	0.040



产品编码及其参数规格 Part Number and Specifications

产品编码 Part Number	额定电压 Rated Voltage	标称容量 Capacitance	壳号 Case	额定温度 R.T.	类别温度 DR.T.	类别电压 Derated Voltage	漏电流 最大值 Max.DCL @25°C	损耗最大值 Max.tgδ @25°C 100Hz	ESR 最大值 Max. @25°C 100KHz	允许纹波电流最大值 Max. Ripple current @100KHz IRMS (A)		
										25°C	85°C	125°C
CA45-C075#474T	75	0.47	C	85	125	50	0.5	6	7	0.113	0.068	0.045
CA45-C075#684T	75	0.68	C	85	125	50	0.5	6	6	0.122	0.073	0.049
CA45-D075#105T	75	1	D	85	125	50	0.8	6	4.5	0.153	0.092	0.061
CA45-D075#155T	75	1.5	D	85	125	50	1.1	6	3.5	0.173	0.104	0.069
CA45-E075#225T	75	2.2	E	85	125	50	1.7	6	1.8	0.264	0.158	0.105
CA45-E075#335T	75	3.3	E	85	125	50	2.5	6	1.3	0.310	0.186	0.124
CA45-E075#475T	75	4.7	E	85	125	50	3.5	6	0.9	0.373	0.224	0.149
CA45-V075#475T	75	4.7	V	85	125	50	3.5	6	0.9	0.408	0.245	0.163
CA45-W075#475T	75	4.7	W	85	125	50	3.5	6	0.6	0.577	0.346	0.231
CA45-G075#685W	75	6.8	G	85	125	50	5.1	6	0.5	0.693	0.416	0.277
CA45-S075#685W	75	6.8	S	85	125	50	5.1	6	0.4	0.837	0.502	0.335
CA45-S075#106W	75	10	S	85	125	50	7.5	6	0.4	0.837	0.502	0.335
CA45-T075#106W	75	10	T	85	125	50	7.5	6	0.4	0.908	0.545	0.363
CA45-S075#156W	75	15	S	85	125	50	11.3	6	0.4	0.837	0.502	0.335
CA45-T075#156W	75	15	T	85	125	50	11.3	6	0.35	0.971	0.583	0.388
CA45-T075#226W	75	22	T	85	125	50	16.5	6	0.35	0.971	0.583	0.388
CA45-C100#224T	100	0.22	C	85	125	63	0.5	6	10	0.095	0.057	0.038
CA45-C100#334T	100	0.33	C	85	125	63	0.5	6	8	0.106	0.064	0.042
CA45-C100#474T	100	0.47	C	85	125	63	0.5	6	6.5	0.118	0.071	0.047
CA45-D100#684T	100	0.68	D	85	125	63	0.7	6	5	0.145	0.087	0.058
CA45-D100#105T	100	1	D	85	125	63	1	6	4.5	0.153	0.092	0.061
CA45-E100#155T	100	1.5	E	85	125	63	1.5	6	3	0.204	0.122	0.082
CA45-E100#225T	100	2.2	E	85	125	63	2.2	6	1.5	0.289	0.173	0.115
CA45-V100#225T	100	2.2	V	85	125	63	2.2	6	1.5	0.316	0.190	0.126
CA45-G100#475W	100	4.7	G	85	125	63	4.7	6	0.6	0.632	0.379	0.253
CA45-W100#475T	100	4.7	W	85	125	63	4.7	6	0.55	0.603	0.362	0.241
CA45-S100#685W	100	6.8	S	85	125	63	6.8	6	0.4	0.837	0.502	0.335
CA45-T100#685W	100	6.8	T	85	125	63	6.8	6	0.4	0.908	0.545	0.363
CA45-S100#106W	100	10	S	85	125	63	10	6	0.4	0.837	0.502	0.335
CA45-T100#106W	100	10	T	85	125	63	10	6	0.4	0.908	0.545	0.363
CA45-T100#156W	100	15	T	85	125	63	15	6	0.35	0.971	0.583	0.388
CA45-T100#226W	100	22	T	85	125	63	22	6	0.3	1.049	0.629	0.420

注 Annotation

1, #为替换字符用以表示容量允许偏差, 填入K=±10%,M=±20%;

is substitute character for capacitance tolerance,K=±10%,M=±20%;

2, 请不要用万用表测量;

Tantalum capacitors can't been measured by multimeter (Easily cause irreversible damage and lead to reject);

3, 容量和损耗测量条件: 100Hz, U.=2.2_{0.0}V, U.=1.0_{0.5}V (有效值), 测量方法采用串联等效电路;

Capacitance, DF measure frequency: 100Hz, U.=2.2_{0.0}V, U.=1.0_{0.5}V(effective value), Test method: series equivalent circuit;

4, 环境温度高于+85°C时, 请使按照类别电压使用; 漏电流参数为通电5分钟后读数;

Use at above +85°C, please use derated voltage, the leakage current value is the reading at charging 5 minute;

5, 特殊要求或尺寸, 请联系我们。

Special request and special size, please contact with us.