

CA55 Polymer Tantalum Chip Capacitor is a solid electrolytic capacitor with a conductive polymer cathode capable of delivering very low ESR and improved capacitance retention at high frequencies.

◆ FEATURES

- * Conductive polymer electrode reduces ignition failure mode
- * Lower ESR
- * Stable capacitance across temperature and voltage
- * High ripple handling
- * Volumetrically efficient
- * No aging effects
- * High frequency capacitance retention
- * CV range: 0.68-1000uF / 2.5-50V
- * 7 case sizes available
- * Military Parts Qualified Factory
- * RoHS and REACH compliance



◆ APPLICATIONS

Typical applications include DC/DC converters, audio/sound circuits (mobile phone and base stations, smart phones, MP3 players), power supply inputs, portable electronics (notebook PCs, displays, SSDs, HDDs and USBs, digital cameras, GPS navigation systems, WiFi modules), telecommunications, consumer electronics (analytical and test equipment, high speed servers), high voltage applications such as 12 V to 48 V power input rails, densely populated circuits with space restrictions, microprocessor decoupling, and high ripple current applications.

◆ TECHNICAL SPECIFICATIONS

Technical Data:	All technical data relate to an ambient temperature of +25°C
Operating Temperature:	-55°C ~ +105°C
Capacitance Range:	0.68 ~ 1000uF at 100 Hz
Capacitance Tolerance:	±20%
Leakage Current DCL:	0.1CV
Resistance to soldering heat:	3x260°C peak for max. 10s reflow



Rated Voltage, Category Voltage, Nominal Capacitance, Case Size

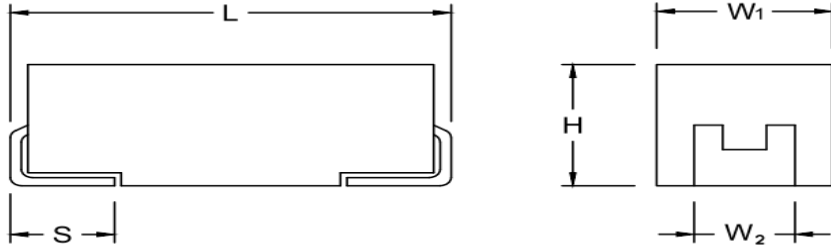
Rated Voltage (v)	2.5(F)	4(G)	6.3(J)	10(A)	16(C)	20(D)	25(E)	35(V)	50(T)	63
Category Voltage (v)	2.3	3.6	5.7	9.0	12.8	16	20	28	40	50.4
Cap(uF)	Case Size									
0.68							B	B	B	
1					B	B	B	B	B	B/C/D
1.5					B	B	B/C	B/C	B/C	C/D
2.2					B	A/B	B/C	B/C	B/C	C/D
3.3					A/B	A/B/C	B/C	B/C	C/D	C/D
4.7				A	A/B/C	B/C	B/C	B/C	C/D	C/D/E
6.8				A	A/B/C	B/C	B/C	C/D	C/D/H	D/E
10			A	A/B	A/B/C	B/C	B/C/D	B/C/D/E/H	D/E	D/E
15		A/B	A/B	A/B/C	B/C/D	B/C/D	B/C/D/E/H	C/D/E/H	E/V	E/V
22		A/B/C	A/B/C	A/B/C	B/C/D/E	C/D/E/H	B/C/D/E/H	D/E	E/V	
33		A/B/C	A/B/C	B/C	C/D/E/H	C/D/E/H	D/E/H	D/E/V	E/V	
47	A	A/B/C	A/B/C	B/C	C/D/E/H	C/D/E/H	D/E	E/V		
68	A	A/B/C	A/B/C/D	C/D/H	D/E/H	D/E	D/E/V			
100	A/B	A/B/C	A/B/C/D/H	C/D/H	D/E/H	D/E/V	E/V			
150	B	B/C/D/H	B/C/D/H	C/D/E/H	E/V	E/V	V			
220	B/C/D/H	B/C/D/H	B/C/D/E/H	D/E/H	E/V	E/V				
330	B/C/D/H	C/D/E/H	D/E/H	E/V	E/V					
470	C/D/H	D/E/H	D/E/H/V							
680	D/E	D/E/V	E							
1000	D/E/V									

◆ Dimensions (Unit: mm)

Case Code	EIA Code	EIA Metric	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
H	2917	7343-20	7.30±0.20	4.30±0.20	2.00±0.20	1.30±0.20	2.40±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



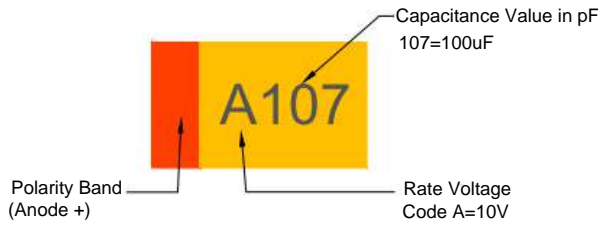
◆ Diagram of Dimensions



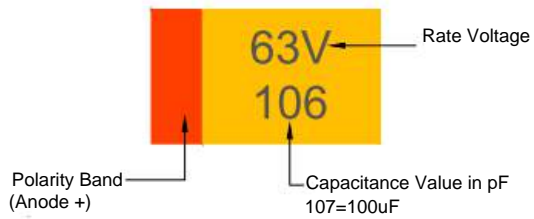
Unit: mm

◆ Marking on Capacitors Body

Rate Voltage less than 63V



Rate Voltage 63V or bigger



Voltage Code	G	J	A	C	D	E	V	H	T	63	75
Rated Voltage	4V	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	75V

◆ How to order

<u>CA55</u>	<u>C</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>R</u>	<u>0100</u>	<u>-</u>
↓	↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Case Size</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated DC Voltage</u>	<u>Package</u>	<u>ESR in mΩ</u>	<u>Additional characters may be added for special requirements</u>
CA55	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape & Reel		



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55A476#002R0090	A	47	2.5	11.8	8	90	850	595	212	105	3
CA55A686#002R0070	A	68	2.5	17.0	8	70	964	675	241	105	3
CA55A686#002R0250	A	68	2.5	17.0	6	250	510	357	127	105	3
CA55A107#002R0200	A	100	2.5	25.0	6	200	570	399	143	105	3
CA55B107#002R0025	B	100	2.5	25.0	8	25	1732	1212	433	105	3
CA55B107#002R0040	B	100	2.5	25.0	8	40	1369	959	342	105	3
CA55B107#002R0070	B	100	2.5	25.0	8	70	1035	725	259	105	3
CA55B157#002R0070	B	150	2.5	37.5	6	70	1035	725	259	105	3
CA55B227#002R0025	B	220	2.5	55.0	8	25	1732	1212	433	105	3
CA55B227#002R0055	B	220	2.5	55.0	8	55	1168	817	292	105	3
CA55B227#002R0070	B	220	2.5	55.0	8	70	1035	725	259	105	3
CA55C227#002R0025	C	220	2.5	55.0	8	25	1897	1328	474	105	3
CA55C227#002R0045	C	220	2.5	55.0	8	45	1414	990	354	105	3
CA55D227#002R0040	D	220	2.5	55.0	10	40	1620	1134	405	105	3
CA55H227#002R0025	H	220	2.5	55.0	10	25	2236	1565	559	105	3
CA55H227#002R0045	H	220	2.5	55.0	10	45	1667	1167	417	105	3
CA55B337#002R0035	B	330	2.5	82.5	8	35	1464	1025	366	105	3
CA55B337#002R0070	B	330	2.5	82.5	8	70	1035	725	259	105	3
CA55C337#002R0025	C	330	2.5	82.5	8	25	1897	1328	474	105	3
CA55C337#002R0045	C	330	2.5	82.5	8	45	1414	990	354	105	3
CA55D337#002R0025	D	330	2.5	82.5	10	25	2049	1435	512	105	3
CA55D337#002R0060	D	330	2.5	82.5	10	60	1323	926	331	105	3
CA55H337#002R0025	H	330	2.5	82.5	10	25	2236	1565	559	105	3
CA55H337#002R0040	H	330	2.5	82.5	10	40	1768	1237	442	105	3
CA55C477#002R0025	C	470	2.5	117.5	8	25	1897	1328	474	105	3
CA55C477#002R0045	C	470	2.5	117.5	8	45	1414	990	354	105	3
CA55D477#002R0025	D	470	2.5	117.5	10	25	2049	1435	512	105	3
CA55D477#002R0040	D	470	2.5	117.5	6	40	1620	1134	405	105	3
CA55D477#002R0060	D	470	2.5	117.5	10	60	1323	926	331	105	3
CA55H477#002R0025	H	470	2.5	117.5	6	25	2236	1565	559	105	3
CA55H477#002R0050	H	470	2.5	117.5	6	50	1581	1107	395	105	3
CA55D687#002R0025	D	680	2.5	170.0	10	25	2049	1435	512	105	3
CA55D687#002R0040	D	680	2.5	170.0	10	40	1620	1134	405	105	3
CA55E687#002R0050	E	680	2.5	170.0	10	50	1581	1107	395	105	3
CA55D108#002R0030	D	1000	2.5	250.0	10	30	1871	1310	468	105	3
CA55E108#002R0050	E	1000	2.5	250.0	10	50	1581	1107	395	105	3
CA55V108#002R0040	V	1000	2.5	250.0	10	40	1936	1356	484	105	3
CA55A156#004R0120	A	15	4	6.0	10	120	736	515	184	105	3
CA55A156#004R0300	A	15	4	6.0	6	300	465	326	116	105	3
CA55B156#004R0100	B	15	4	6.0	10	100	866	606	217	105	3
CA55A226#004R0300	A	22	4	8.8	6	300	465	326	116	105	3
CA55B226#004R0090	B	22	4	8.8	10	90	913	639	228	105	3
CA55C226#004R0070	C	22	4	8.8	10	70	1134	794	283	105	3
CA55A336#004R0070	A	33	4	13.2	8	70	964	675	241	105	3
CA55A336#004R0300	A	33	4	13.2	6	300	465	326	116	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55A476#004R0200	A	47	4	18.8	6	200	570	399	143	105	3
CA55B476#004R0090	B	47	4	18.8	10	90	913	639	228	105	3
CA55C476#004R0070	C	47	4	18.8	10	70	1134	794	283	105	3
CA55A686#004R0250	A	68	4	27.2	6	250	510	357	127	105	3
CA55B686#004R0025	B	68	4	27.2	8	25	1732	1212	433	105	3
CA55B686#004R0040	B	68	4	27.2	8	40	1369	959	342	105	3
CA55B686#004R0080	B	68	4	27.2	8	80	968	678	242	105	3
CA55C686#004R0070	C	68	4	27.2	10	70	1134	794	283	105	3
CA55A107#004R0150	A	100	4	40.0	8	150	658	461	165	105	3
CA55A107#004R0200	A	100	4	40.0	8	200	570	399	143	105	3
CA55A107#004R0300	A	100	4	40.0	10	300	465	326	116	105	3
CA55B107#004R0025	B	100	4	40.0	8	25	1732	1212	433	105	3
CA55B107#004R0040	B	100	4	40.0	8	40	1369	959	342	105	3
CA55B107#004R0080	B	100	4	40.0	8	80	968	678	242	105	3
CA55C107#004R0070	C	100	4	40.0	10	70	1134	794	283	105	3
CA55B157#004R0025	B	150	4	60.0	8	25	1732	1212	433	105	3
CA55B157#004R0040	B	150	4	60.0	8	40	1369	959	342	105	3
CA55B157#004R0070	B	150	4	60.0	8	70	1035	725	259	105	3
CA55C157#004R0025	C	150	4	60.0	8	25	1897	1328	474	105	3
CA55C157#004R0045	C	150	4	60.0	8	45	1414	990	354	105	3
CA55C157#004R0100	C	150	4	60.0	8	100	949	664	237	105	3
CA55D157#004R0060	D	150	4	60.0	10	60	1323	926	331	105	3
CA55H157#004R0025	H	150	4	60.0	10	25	2236	1565	559	105	3
CA55H157#004R0045	H	150	4	60.0	6	45	1667	1167	417	105	3
CA55B227#004R0035	B	220	4	88.0	8	35	1464	1025	366	105	3
CA55B227#004R0070	B	220	4	88.0	8	70	1035	725	259	105	3
CA55C227#004R0025	C	220	4	88.0	8	25	1897	1328	474	105	3
CA55C227#004R0055	C	220	4	88.0	8	55	1279	895	320	105	3
CA55D227#004R0025	D	220	4	88.0	10	25	2049	1435	512	105	3
CA55D227#004R0065	D	220	4	88.0	10	65	1271	890	318	105	3
CA55H227#004R0025	H	220	4	88.0	10	25	2236	1565	559	105	3
CA55H227#004R0045	H	220	4	88.0	10	45	1667	1167	417	105	3
CA55C337#004R0025	C	330	4	132.0	8	25	1897	1328	474	105	3
CA55C337#004R0045	C	330	4	132.0	8	45	1414	990	354	105	3
CA55D337#004R0025	D	330	4	132.0	10	25	2049	1435	512	105	3
CA55D337#004R0060	D	330	4	132.0	10	60	1323	926	331	105	3
CA55E337#004R0050	E	330	4	132.0	10	50	1581	1107	395	105	3
CA55H337#004R0025	H	330	4	132.0	10	25	2236	1565	559	105	3
CA55H337#004R0050	H	330	4	132.0	6	50	1581	1107	395	105	3
CA55D477#004R0025	D	470	4	188.0	10	25	2049	1435	512	105	3
CA55D477#004R0060	D	470	4	188.0	10	60	1323	926	331	105	3
CA55E477#004R0050	E	470	4	188.0	10	50	1581	1107	395	105	3
CA55H477#004R0025	H	470	4	188.0	6	25	2236	1565	559	105	3
CA55H477#004R0050	H	470	4	188.0	6	50	1581	1107	395	105	3
CA55D687#004R0025	D	680	4	272.0	10	25	2049	1435	512	105	3
CA55E687#004R0035	E	680	4	272.0	10	35	1890	1323	472	105	3
CA55E687#004R0050	E	680	4	272.0	10	50	1581	1107	395	105	3
CA55V687#004R0040	V	680	4	272.0	10	40	1936	1356	484	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55A106#006R0120	A	10	6.3	6.3	10	120	736	515	184	105	3
CA55A106#006R0250	A	10	6.3	6.3	10	250	510	357	127	105	3
CA55A106#006R0300	A	10	6.3	6.3	6	300	465	326	116	105	3
CA55A156#006R0300	A	15	6.3	9.5	6	300	465	326	116	105	3
CA55B156#006R0090	B	15	6.3	9.5	10	90	913	639	228	105	3
CA55A226#006R0090	A	22	6.3	13.9	8	90	850	595	212	105	3
CA55A226#006R0300	A	22	6.3	13.9	6	300	465	326	116	105	3
CA55B226#006R0090	B	22	6.3	13.9	10	90	913	639	228	105	3
CA55C226#006R0070	C	22	6.3	13.9	10	70	1134	794	283	105	3
CA55A336#006R0070	A	33	6.3	20.8	8	70	964	675	241	105	3
CA55A336#006R0120	A	33	6.3	20.8	8	120	736	515	184	105	3
CA55A336#006R0200	A	33	6.3	20.8	6	200	570	399	143	105	3
CA55B336#006R0040	B	33	6.3	20.8	8	40	1369	959	342	105	3
CA55B336#006R0090	B	33	6.3	20.8	10	90	913	639	228	105	3
CA55B336#006R0200	B	33	6.3	20.8	6	200	612	429	153	105	3
CA55C336#006R0070	C	33	6.3	20.8	10	70	1134	794	283	105	3
CA55C336#006R0100	C	33	6.3	20.8	8	100	949	664	237	105	3
CA55A476#006R0150	A	47	6.3	29.6	8	150	658	461	165	105	3
CA55A476#006R0200	A	47	6.3	29.6	6	200	570	399	143	105	3
CA55B476#006R0040	B	47	6.3	29.6	8	40	1369	959	342	105	3
CA55B476#006R0090	B	47	6.3	29.6	10	90	913	639	228	105	3
CA55C476#006R0070	C	47	6.3	29.6	10	70	1134	794	283	105	3
CA55A686#006R0150	A	68	6.3	42.8	8	150	658	461	165	105	3
CA55B686#006R0035	B	68	6.3	42.8	8	35	1464	1025	366	105	3
CA55B686#006R0055	B	68	6.3	42.8	8	55	1168	817	292	105	3
CA55B686#006R0080	B	68	6.3	42.8	8	80	968	678	242	105	3
CA55C686#006R0070	C	68	6.3	42.8	10	70	1134	794	283	105	3
CA55C686#006R0100	C	68	6.3	42.8	8	100	949	664	237	105	3
CA55D686#006R0060	D	68	6.3	42.8	10	60	1323	926	331	105	3
CA55A107#006R0070	A	100	6.3	63.0	8	70	964	675	241	105	3
CA55B107#006R0025	B	100	6.3	63.0	8	25	1732	1212	433	105	3
CA55B107#006R0045	B	100	6.3	63.0	8	45	1291	904	323	105	3
CA55B107#006R0070	B	100	6.3	63.0	8	70	1035	725	259	105	3
CA55C107#006R0025	C	100	6.3	63.0	8	25	1897	1328	474	105	3
CA55C107#006R0045	C	100	6.3	63.0	8	45	1414	990	354	105	3
CA55C107#006R0070	C	100	6.3	63.0	10	70	1134	794	283	105	3
CA55D107#006R0060	D	100	6.3	63.0	10	60	1323	926	331	105	3
CA55H107#006R0045	H	100	6.3	63.0	10	45	1667	1167	417	105	3
CA55B157#006R0025	B	150	6.3	94.5	8	25	1732	1212	433	105	3
CA55B157#006R0045	B	150	6.3	94.5	8	45	1291	904	323	105	3
CA55B157#006R0070	B	150	6.3	94.5	8	70	1035	725	259	105	3
CA55C157#006R0025	C	150	6.3	94.5	8	25	1897	1328	474	105	3
CA55C157#006R0055	C	150	6.3	94.5	8	55	1279	895	320	105	3
CA55D157#006R0025	D	150	6.3	94.5	10	25	2049	1435	512	105	3
CA55D157#006R0060	D	150	6.3	94.5	10	60	1323	926	331	105	3
CA55H157#006R0025	H	150	6.3	94.5	10	25	2236	1565	559	105	3
CA55H157#006R0045	H	150	6.3	94.5	10	45	1667	1167	417	105	3
CA55B227#006R0025	B	220	6.3	138.6	8	25	1732	1212	433	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55B227#006R0070	B	220	6.3	138.6	8	70	1035	725	259	105	3
CA55B227#006R0200	B	220	6.3	138.6	10	200	612	429	153	105	3
CA55C227#006R0025	C	220	6.3	138.6	8	25	1897	1328	474	105	3
CA55C227#006R0045	C	220	6.3	138.6	8	45	1414	990	354	105	3
CA55D227#006R0040	D	220	6.3	138.6	10	40	1620	1134	405	105	3
CA55D227#006R0060	D	220	6.3	138.6	10	60	1323	926	331	105	3
CA55E227#006R0050	E	220	6.3	138.6	10	50	1581	1107	395	105	3
CA55H227#006R0025	H	220	6.3	138.6	10	25	2236	1565	559	105	3
CA55H227#006R0050	H	220	6.3	138.6	6	50	1581	1107	395	105	3
CA55D337#006R0025	D	330	6.3	207.9	10	25	2049	1435	512	105	3
CA55D337#006R0060	D	330	6.3	207.9	10	60	1323	926	331	105	3
CA55E337#006R0050	E	330	6.3	207.9	10	50	1581	1107	395	105	3
CA55H337#006R0025	H	330	6.3	207.9	10	25	2236	1565	559	105	3
CA55H337#006R0050	H	330	6.3	207.9	12	50	1581	1107	395	105	3
CA55D477#006R0030	D	470	6.3	296.1	10	30	1871	1310	468	105	3
CA55E477#006R0035	E	470	6.3	296.1	10	35	1890	1323	472	105	3
CA55E477#006R0050	E	470	6.3	296.1	10	50	1581	1107	395	105	3
CA55H477#006R0035	H	470	6.3	296.1	10	35	1890	1323	472	105	3
CA55H477#006R0055	H	470	6.3	296.1	10	55	1508	1055	377	105	3
CA55V477#006R0040	V	470	6.3	296.1	10	40	1936	1356	484	105	3
CA55E687#006R0025	E	680	6.3	428.4	10	25	2236	1565	559	105	3
CA55A475#010R0250	A	4.7	10	4.7	10	250	510	357	127	105	3
CA55A685#010R0180	A	6.8	10	6.8	10	180	601	421	150	105	3
CA55A685#010R0250	A	6.8	10	6.8	10	250	510	357	127	105	3
CA55A106#010R0080	A	10	10	10.0	8	80	901	631	225	105	3
CA55A106#010R0120	A	10	10	10.0	8	120	736	515	184	105	3
CA55A106#010R0300	A	10	10	10.0	10	300	465	326	116	105	3
CA55B106#010R0100	B	10	10	10.0	10	100	866	606	217	105	3
CA55A156#010R0080	A	15	10	15.0	8	80	901	631	225	105	3
CA55A156#010R0200	A	15	10	15.0	6	200	570	399	143	105	3
CA55B156#010R0090	B	15	10	15.0	10	90	913	639	228	105	3
CA55C156#010R0070	C	15	10	15.0	10	70	1134	794	283	105	3
CA55A226#010R0080	A	22	10	22.0	8	80	901	631	225	105	3
CA55B226#010R0090	B	22	10	22.0	10	90	913	639	228	105	3
CA55B226#010R0300	B	22	10	22.0	6	300	500	350	125	105	3
CA55C226#010R0070	C	22	10	22.0	10	70	1134	794	283	105	3
CA55B336#010R0040	B	33	10	33.0	8	40	1369	959	342	105	3
CA55B336#010R0090	B	33	10	33.0	10	90	913	639	228	105	3
CA55B336#010R0200	B	33	10	33.0	6	200	612	429	153	105	3
CA55C336#010R0070	C	33	10	33.0	10	70	1134	794	283	105	3
CA55C336#010R0100	C	33	10	33.0	6	100	949	664	237	105	3
CA55B476#010R0035	B	47	10	47.0	8	35	1464	1025	366	105	3
CA55B476#010R0070	B	47	10	47.0	8	70	1035	725	259	105	3
CA55B476#010R0090	B	47	10	47.0	10	90	913	639	228	105	3
CA55C476#010R0070	C	47	10	47.0	10	70	1134	794	283	105	3
CA55C476#010R0100	C	47	10	47.0	8	100	949	664	237	105	3
CA55C686#010R0045	C	68	10	68.0	8	45	1414	990	354	105	3
CA55C686#010R0070	C	68	10	68.0	10	70	1134	794	283	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°C Ω	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55D686#010R0045	D	68	10	68.0	6	45	1528	1069	382	105	3
CA55D686#010R0060	D	68	10	68.0	10	60	1323	926	331	105	3
CA55D686#010R0100	D	68	10	68.0	10	100	1025	717	256	105	3
CA55H686#010R0045	H	68	10	68.0	10	45	1667	1167	417	105	3
CA55H686#010R0060	H	68	10	68.0	10	60	1443	1010	361	105	3
CA55H686#010R0100	H	68	10	68.0	10	100	1118	783	280	105	3
CA55C107#010R0025	C	100	10	100.0	8	25	1897	1328	474	105	3
CA55C107#010R0045	C	100	10	100.0	8	45	1414	990	354	105	3
CA55C107#010R0070	C	100	10	100.0	10	70	1134	794	283	105	3
CA55D107#010R0045	D	100	10	100.0	6	45	1528	1069	382	105	3
CA55D107#010R0060	D	100	10	100.0	10	60	1323	926	331	105	3
CA55D107#010R0080	D	100	10	100.0	10	80	1146	802	286	105	3
CA55H107#010R0025	H	100	10	100.0	10	25	2236	1565	559	105	3
CA55H107#010R0055	H	100	10	100.0	10	55	1508	1055	377	105	3
CA55C157#010R0055	C	150	10	150.0	8	55	1279	895	320	105	3
CA55D157#010R0025	D	150	10	150.0	10	25	2049	1435	512	105	3
CA55D157#010R0040	D	150	10	150.0	10	40	1620	1134	405	105	3
CA55D157#010R0060	D	150	10	150.0	10	60	1323	926	331	105	3
CA55E157#010R0050	E	150	10	150.0	10	50	1581	1107	395	105	3
CA55H157#010R0025	H	150	10	150.0	10	25	2236	1565	559	105	3
CA55H157#010R0055	H	150	10	150.0	6	55	1508	1055	377	105	3
CA55D227#010R0025	D	220	10	220.0	10	25	2049	1435	512	105	3
CA55D227#010R0060	D	220	10	220.0	10	60	1323	926	331	105	3
CA55E227#010R0050	E	220	10	220.0	10	50	1581	1107	395	105	3
CA55H227#010R0025	H	220	10	220.0	10	25	2236	1565	559	105	3
CA55H227#010R0050	H	220	10	220.0	6	50	1581	1107	395	105	3
CA55E337#010R0025	E	330	10	330.0	10	25	2236	1565	559	105	3
CA55E337#010R0050	E	330	10	330.0	10	50	1581	1107	395	105	3
CA55V337#010R0040	V	330	10	330.0	10	40	1936	1356	484	105	3
CA55B105#016R0300	B	1	16	1.6	10	300	500	350	125	105	3
CA55B155#016R0300	B	1.5	16	2.4	10	300	500	350	125	105	3
CA55B225#016R0300	B	2.2	16	3.5	10	300	500	350	125	105	3
CA55A335#016R0250	A	3.3	16	5.3	10	250	510	357	127	105	3
CA55B335#016R0150	B	3.3	16	5.3	10	150	707	495	177	105	3
CA55B335#016R0300	B	3.3	16	5.3	10	300	500	350	125	105	3
CA55A475#016R0250	A	4.7	16	7.5	10	250	510	357	127	105	3
CA55B475#016R0100	B	4.7	16	7.5	10	100	866	606	217	105	3
CA55B475#016R0150	B	4.7	16	7.5	10	150	707	495	177	105	3
CA55B475#016R0300	B	4.7	16	7.5	10	300	500	350	125	105	3
CA55C475#016R0150	C	4.7	16	7.5	10	150	775	542	194	105	3
CA55A685#016R0200	A	6.8	16	10.9	6	200	570	399	143	105	3
CA55B685#016R0100	B	6.8	16	10.9	10	100	866	606	217	105	3
CA55B685#016R0150	B	6.8	16	10.9	10	150	707	495	177	105	3
CA55B685#016R0300	B	6.8	16	10.9	10	300	500	350	125	105	3
CA55C685#016R0150	C	6.8	16	10.9	10	150	775	542	194	105	3
CA55A106#016R0200	A	10	16	16.0	6	200	570	399	143	105	3
CA55B106#016R0100	B	10	16	16.0	10	100	866	606	217	105	3
CA55B106#016R0200	B	10	16	16.0	6	200	612	429	153	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55B106#016R0300	B	10	16	16.0	10	300	500	350	125	105	3
CA55C106#016R0150	C	10	16	16.0	10	150	775	542	194	105	3
CA55B156#016R0100	B	15	16	24.0	10	100	866	606	217	105	3
CA55B156#016R0150	B	15	16	24.0	6	150	707	495	177	105	3
CA55B156#016R0300	B	15	16	24.0	10	300	500	350	125	105	3
CA55C156#016R0070	C	15	16	24.0	10	70	1134	794	283	105	3
CA55C156#016R0150	C	15	16	24.0	10	150	775	542	194	105	3
CA55D156#016R0080	D	15	16	24.0	10	80	1146	802	286	105	3
CA55B226#016R0150	B	22	16	35.2	6	150	707	495	177	105	3
CA55C226#016R0070	C	22	16	35.2	10	70	1134	794	283	105	3
CA55C226#016R0150	C	22	16	35.2	10	150	775	542	194	105	3
CA55D226#016R0060	D	22	16	35.2	10	60	1323	926	331	105	3
CA55D226#016R0080	D	22	16	35.2	10	80	1146	802	286	105	3
CA55E226#016R0080	E	22	16	35.2	10	80	1250	875	313	105	3
CA55C336#016R0070	C	33	16	52.8	10	70	1134	794	283	105	3
CA55C336#016R0150	C	33	16	52.8	10	150	775	542	194	105	3
CA55D336#016R0060	D	33	16	52.8	10	60	1323	926	331	105	3
CA55D336#016R0080	D	33	16	52.8	10	80	1146	802	286	105	3
CA55E336#016R0080	E	33	16	52.8	10	80	1250	875	313	105	3
CA55H336#016R0045	H	33	16	52.8	10	45	1667	1167	417	105	3
CA55H336#016R0070	H	33	16	52.8	10	70	1336	935	334	105	3
CA55C476#016R0150	C	47	16	75.2	10	150	775	542	194	105	3
CA55D476#016R0035	D	47	16	75.2	10	35	1732	1212	433	105	3
CA55D476#016R0070	D	47	16	75.2	10	70	1225	857	306	105	3
CA55D476#016R0090	D	47	16	75.2	10	90	1080	756	270	105	3
CA55E476#016R0050	E	47	16	75.2	10	50	1581	1107	395	105	3
CA55E476#016R0080	E	47	16	75.2	10	80	1250	875	313	105	3
CA55H476#016R0045	H	47	16	75.2	10	45	1667	1167	417	105	3
CA55H476#016R0080	H	47	16	75.2	10	80	1250	875	313	105	3
CA55D686#016R0050	D	68	16	108.8	10	50	1449	1014	362	105	3
CA55D686#016R0080	D	68	16	108.8	10	80	1146	802	286	105	3
CA55E686#016R0050	E	68	16	108.8	10	50	1581	1107	395	105	3
CA55E686#016R0080	E	68	16	108.8	10	80	1250	875	313	105	3
CA55H686#016R0050	H	68	16	108.8	10	50	1581	1107	395	105	3
CA55H686#016R0090	H	68	16	108.8	10	90	1179	825	295	105	3
CA55D107#016R0060	D	100	16	160.0	10	60	1323	926	331	105	3
CA55D107#016R0080	D	100	16	160.0	10	80	1146	802	286	105	3
CA55E107#016R0040	E	100	16	160.0	6	40	1768	1237	442	105	3
CA55E107#016R0080	E	100	16	160.0	10	80	1250	875	313	105	3
CA55H107#016R0050	H	100	16	160.0	10	50	1581	1107	395	105	3
CA55E157#016R0040	E	150	16	240.0	10	40	1768	1237	442	105	3
CA55E157#016R0080	E	150	16	240.0	10	80	1250	875	313	105	3
CA55V157#016R0080	V	150	16	240.0	10	80	1369	959	342	105	3
CA55E227#016R0035	E	220	16	352.0	10	35	1890	1323	472	105	3
CA55E227#016R0050	E	220	16	352.0	10	50	1581	1107	395	105	3
CA55E227#016R0080	E	220	16	352.0	10	80	1250	875	313	105	3
CA55V227#016R0040	V	220	16	352.0	10	40	1936	1356	484	105	3
CA55V227#016R0080	V	220	16	352.0	10	80	1369	959	342	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55E337#016R0025	E	330	16	528.0	10	25	2236	1565	559	105	3
CA55E337#016R0050	E	330	16	528.0	10	50	1581	1107	395	105	3
CA55E337#016R0080	E	330	16	528.0	10	80	1250	875	313	105	3
CA55V337#016R0040	V	330	16	528.0	10	40	1936	1356	484	105	3
CA55V337#016R0080	V	330	16	528.0	10	80	1369	959	342	105	3
CA55B105#020R0300	B	1	20	2.0	10	300	500	350	125	105	3
CA55B155#020R0300	B	1.5	20	3.0	10	300	500	350	125	105	3
CA55A225#020R0250	A	2.2	20	4.4	10	250	510	357	127	105	3
CA55B225#020R0150	B	2.2	20	4.4	10	150	707	495	177	105	3
CA55B225#020R0300	B	2.2	20	4.4	10	300	500	350	125	105	3
CA55A335#020R0250	A	3.3	20	6.6	10	250	510	357	127	105	3
CA55B335#020R0150	B	3.3	20	6.6	10	150	707	495	177	105	3
CA55B335#020R0300	B	3.3	20	6.6	10	300	500	350	125	105	3
CA55C335#020R0150	C	3.3	20	6.6	10	150	775	542	194	105	3
CA55B475#020R0150	B	4.7	20	9.4	10	150	707	495	177	105	3
CA55B475#020R0300	B	4.7	20	9.4	10	300	500	350	125	105	3
CA55C475#020R0100	C	4.7	20	9.4	10	100	949	664	237	105	3
CA55C475#020R0150	C	4.7	20	9.4	10	150	775	542	194	105	3
CA55B685#020R0150	B	6.8	20	13.6	10	150	707	495	177	105	3
CA55B685#020R0300	B	6.8	20	13.6	10	300	500	350	125	105	3
CA55C685#020R0100	C	6.8	20	13.6	10	100	949	664	237	105	3
CA55C685#020R0150	C	6.8	20	13.6	10	150	775	542	194	105	3
CA55B106#020R0100	B	10	20	20.0	8	100	866	606	217	105	3
CA55B106#020R0150	B	10	20	20.0	10	150	707	495	177	105	3
CA55B106#020R0300	B	10	20	20.0	10	300	500	350	125	105	3
CA55C106#020R0100	C	10	20	20.0	10	100	949	664	237	105	3
CA55C106#020R0150	C	10	20	20.0	10	150	775	542	194	105	3
CA55B156#020R0090	B	15	20	30.0	10	90	913	639	228	105	3
CA55C156#020R0080	C	15	20	30.0	10	80	1061	742	265	105	3
CA55C156#020R0150	C	15	20	30.0	10	150	775	542	194	105	3
CA55D156#020R0070	D	15	20	30.0	10	70	1225	857	306	105	3
CA55D156#020R0080	D	15	20	30.0	10	80	1146	802	286	105	3
CA55C226#020R0100	C	22	20	44.0	10	100	949	664	237	105	3
CA55C226#020R0150	C	22	20	44.0	10	150	775	542	194	105	3
CA55D226#020R0060	D	22	20	44.0	10	60	1323	926	331	105	3
CA55D226#020R0080	D	22	20	44.0	10	80	1146	802	286	105	3
CA55E226#020R0050	E	22	20	44.0	10	50	1581	1107	395	105	3
CA55E226#020R0080	E	22	20	44.0	10	80	1250	875	313	105	3
CA55H226#020R0045	H	22	20	44.0	10	45	1667	1167	417	105	3
CA55H226#020R0070	H	22	20	44.0	6	70	1336	935	334	105	3
CA55H226#020R0090	H	22	20	44.0	10	90	1179	825	295	105	3
CA55C336#020R0150	C	33	20	66.0	10	150	775	542	194	105	3
CA55D336#020R0060	D	33	20	66.0	10	60	1323	926	331	105	3
CA55D336#020R0080	D	33	20	66.0	10	80	1146	802	286	105	3
CA55E336#020R0050	E	33	20	66.0	10	50	1581	1107	395	105	3
CA55E336#020R0080	E	33	20	66.0	10	80	1250	875	313	105	3
CA55H336#020R0070	H	33	20	66.0	6	70	1336	935	334	105	3
CA55C476#020R0150	C	47	20	94.0	10	150	775	542	194	105	3

Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55D476#020R0055	D	47	20	94.0	10	55	1382	967	345	105	3
CA55D476#020R0080	D	47	20	94.0	10	80	1146	802	286	105	3
CA55E476#020R0050	E	47	20	94.0	10	50	1581	1107	395	105	3
CA55E476#020R0080	E	47	20	94.0	10	80	1250	875	313	105	3
CA55H476#020R0055	H	47	20	94.0	10	55	1508	1055	377	105	3
CA55H476#020R0070	H	47	20	94.0	6	70	1336	935	334	105	3
CA55H476#020R0090	H	47	20	94.0	10	90	1179	825	295	105	3
CA55D686#020R0055	D	68	20	136.0	6	55	1382	967	345	105	3
CA55D686#020R0080	D	68	20	136.0	10	80	1146	802	286	105	3
CA55E686#020R0045	E	68	20	136.0	6	45	1667	1167	417	105	3
CA55E686#020R0080	E	68	20	136.0	10	80	1250	875	313	105	3
CA55D107#020R0055	D	100	20	200.0	10	55	1382	967	345	105	3
CA55E107#020R0045	E	100	20	200.0	6	45	1667	1167	417	105	3
CA55E107#020R0080	E	100	20	200.0	10	80	1250	875	313	105	3
CA55V107#020R0080	V	100	20	200.0	10	80	1369	959	342	105	3
CA55E157#020R0080	E	150	20	300.0	10	80	1250	875	313	105	3
CA55V157#020R0080	V	150	20	300.0	10	80	1369	959	342	105	3
CA55E227#020R0080	E	220	20	440.0	10	80	1250	875	313	105	3
CA55V227#020R0080	V	220	20	440.0	10	80	1369	959	342	105	3
CA55B684#025R0300	B	0.68	25	1.7	10	300	500	350	125	105	3
CA55B105#025R0300	B	1	25	2.5	10	300	500	350	125	105	3
CA55B155#025R0300	B	1.5	25	3.8	10	300	500	350	125	105	3
CA55C155#025R0150	C	1.5	25	3.8	10	150	775	542	194	105	3
CA55B225#025R0250	B	2.2	25	5.5	10	250	548	383	137	105	3
CA55B225#025R0300	B	2.2	25	5.5	10	300	500	350	125	105	3
CA55C225#025R0100	C	2.2	25	5.5	10	100	949	664	237	105	3
CA55C225#025R0150	C	2.2	25	5.5	10	150	775	542	194	105	3
CA55B335#025R0250	B	3.3	25	8.3	10	250	548	383	137	105	3
CA55B335#025R0300	B	3.3	25	8.3	10	300	500	350	125	105	3
CA55C335#025R0100	C	3.3	25	8.3	10	100	949	664	237	105	3
CA55C335#025R0150	C	3.3	25	8.3	10	150	775	542	194	105	3
CA55B475#025R0150	B	4.7	25	11.8	6	150	707	495	177	105	3
CA55B475#025R0250	B	4.7	25	11.8	10	250	548	383	137	105	3
CA55B475#025R0300	B	4.7	25	11.8	10	300	500	350	125	105	3
CA55C475#025R0100	C	4.7	25	11.8	10	100	949	664	237	105	3
CA55C475#025R0150	C	4.7	25	11.8	10	150	775	542	194	105	3
CA55B685#025R0090	B	6.8	25	17.0	6	90	913	639	228	105	3
CA55B685#025R0150	B	6.8	25	17.0	6	150	707	495	177	105	3
CA55B685#025R0300	B	6.8	25	17.0	10	300	500	350	125	105	3
CA55C685#025R0100	C	6.8	25	17.0	10	100	949	664	237	105	3
CA55C685#025R0150	C	6.8	25	17.0	10	150	775	542	194	105	3
CA55B106#025R0100	B	10	25	25.0	8	100	866	606	217	105	3
CA55B106#025R0150	B	10	25	25.0	6	150	707	495	177	105	3
CA55B106#025R0300	B	10	25	25.0	10	300	500	350	125	105	3
CA55C106#025R0100	C	10	25	25.0	10	100	949	664	237	105	3
CA55C106#025R0150	C	10	25	25.0	10	150	775	542	194	105	3
CA55D106#025R0090	D	10	25	25.0	10	90	1080	756	270	105	3
CA55B156#025R0100	B	15	25	37.5	6	100	866	606	217	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55B156#025R0150	B	15	25	37.5	6	150	707	495	177	105	3
CA55C156#025R0150	C	15	25	37.5	10	150	775	542	194	105	3
CA55D156#025R0090	D	15	25	37.5	10	90	1080	756	270	105	3
CA55E156#025R0080	E	15	25	37.5	10	80	1250	875	313	105	3
CA55H156#025R0090	H	15	25	37.5	10	90	1179	825	295	105	3
CA55B226#025R0150	B	22	25	55.0	6	150	707	495	177	105	3
CA55C226#025R0100	C	22	25	55.0	6	100	949	664	237	105	3
CA55C226#025R0150	C	22	25	55.0	10	150	775	542	194	105	3
CA55D226#025R0060	D	22	25	55.0	6	60	1323	926	331	105	3
CA55D226#025R0080	D	22	25	55.0	10	80	1146	802	286	105	3
CA55D226#025R0100	D	22	25	55.0	6	100	1025	717	256	105	3
CA55E226#025R0080	E	22	25	55.0	10	80	1250	875	313	105	3
CA55H226#025R0060	H	22	25	55.0	10	60	1443	1010	361	105	3
CA55H226#025R0090	H	22	25	55.0	10	90	1179	825	295	105	3
CA55D336#025R0060	D	33	25	82.5	10	60	1323	926	331	105	3
CA55D336#025R0080	D	33	25	82.5	10	80	1146	802	286	105	3
CA55D336#025R0100	D	33	25	82.5	6	100	1025	717	256	105	3
CA55E336#025R0080	E	33	25	82.5	10	80	1250	875	313	105	3
CA55H336#025R0060	H	33	25	82.5	10	60	1443	1010	361	105	3
CA55H336#025R0100	H	33	25	82.5	6	100	1118	783	280	105	3
CA55D476#025R0060	D	47	25	117.5	6	60	1323	926	331	105	3
CA55D476#025R0080	D	47	25	117.5	10	80	1146	802	286	105	3
CA55D476#025R0100	D	47	25	117.5	6	100	1025	717	256	105	3
CA55E476#025R0050	E	47	25	117.5	6	50	1581	1107	395	105	3
CA55E476#025R0080	E	47	25	117.5	10	80	1250	875	313	105	3
CA55D686#025R0080	D	68	25	170.0	10	80	1146	802	286	105	3
CA55E686#025R0050	E	68	25	170.0	6	50	1581	1107	395	105	3
CA55E686#025R0080	E	68	25	170.0	10	80	1250	875	313	105	3
CA55V686#025R0080	V	68	25	170.0	10	80	1369	959	342	105	3
CA55E107#025R0060	E	100	25	250.0	10	60	1443	1010	361	105	3
CA55E107#025R0080	E	100	25	250.0	10	80	1250	875	313	105	3
CA55V107#025R0080	V	100	25	250.0	10	80	1369	959	342	105	3
CA55V157#025R0080	V	150	25	375.0	10	80	1369	959	342	105	3
CA55B684#035R0350	B	0.68	35	2.4	10	350	463	324	116	105	3
CA55B105#035R0350	B	1	35	3.5	10	350	463	324	116	105	3
CA55B155#035R0200	B	1.5	35	5.3	6	200	612	429	153	105	3
CA55B155#035R0350	B	1.5	35	5.3	10	350	463	324	116	105	3
CA55C155#035R0200	C	1.5	35	5.3	10	200	671	470	168	105	3
CA55B225#035R0200	B	2.2	35	7.7	6	200	612	429	153	105	3
CA55B225#035R0350	B	2.2	35	7.7	10	350	463	324	116	105	3
CA55C225#035R0200	C	2.2	35	7.7	10	200	671	470	168	105	3
CA55B335#035R0200	B	3.3	35	11.6	6	200	612	429	153	105	3
CA55B335#035R0350	B	3.3	35	11.6	10	350	463	324	116	105	3
CA55C335#035R0200	C	3.3	35	11.6	10	200	671	470	168	105	3
CA55B475#035R0200	B	4.7	35	16.5	6	200	612	429	153	105	3
CA55B475#035R0350	B	4.7	35	16.5	10	350	463	324	116	105	3
CA55C475#035R0200	C	4.7	35	16.5	10	200	671	470	168	105	3
CA55C685#035R0200	C	6.8	35	23.8	10	200	671	470	168	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55D685#035R0090	D	6.8	35	23.8	10	90	1080	756	270	105	3
CA55B106#035R0200	B	10	35	35.0	6	200	612	429	153	105	3
CA55C106#035R0200	C	10	35	35.0	10	200	671	470	168	105	3
CA55D106#035R0090	D	10	35	35.0	10	90	1080	756	270	105	3
CA55E106#035R0090	E	10	35	35.0	10	90	1179	825	295	105	3
CA55H106#035R0070	H	10	35	35.0	6	70	1336	935	334	105	3
CA55H106#035R0120	H	10	35	35.0	10	120	1021	714	255	105	3
CA55C156#035R0200	C	15	35	52.5	6	200	671	470	168	105	3
CA55D156#035R0070	D	15	35	52.5	6	70	1225	857	306	105	3
CA55D156#035R0100	D	15	35	52.5	6	100	1025	717	256	105	3
CA55E156#035R0090	E	15	35	52.5	10	90	1179	825	295	105	3
CA55H156#035R0100	H	15	35	52.5	10	100	1118	783	280	105	3
CA55H156#035R0125	H	15	35	52.5	10	125	1000	700	250	105	3
CA55D226#035R0070	D	22	35	77.0	6	70	1225	857	306	105	3
CA55D226#035R0100	D	22	35	77.0	6	100	1025	717	256	105	3
CA55E226#035R0090	E	22	35	77.0	10	90	1179	825	295	105	3
CA55D336#035R0065	D	33	35	115.5	10	65	1271	890	318	105	3
CA55D336#035R0100	D	33	35	115.5	6	100	1025	717	256	105	3
CA55E336#035R0055	E	33	35	115.5	6	55	1508	1055	377	105	3
CA55E336#035R0070	E	33	35	115.5	6	70	1336	935	334	105	3
CA55E336#035R0090	E	33	35	115.5	10	90	1179	825	295	105	3
CA55V336#035R0090	V	33	35	115.5	10	90	1291	904	323	105	3
CA55E476#035R0030	E	47	35	164.5	10	30	2041	1429	510	105	3
CA55E476#035R0055	E	47	35	164.5	6	55	1508	1055	377	105	3
CA55E476#035R0090	E	47	35	164.5	10	90	1179	825	295	105	3
CA55V476#035R0090	V	47	35	164.5	10	90	1291	904	323	105	3
CA55B684#050R0350	B	0.68	50	3.4	10	350	463	324	116	105	3
CA55B684#050R0400	B	0.68	50	3.4	6	400	433	303	108	105	3
CA55B105#050R0300	B	1	50	5.0	6	300	500	350	125	105	3
CA55B105#050R0350	B	1	50	5.0	10	350	463	324	116	105	3
CA55B155#050R0300	B	1.5	50	7.5	6	300	500	350	125	105	3
CA55B155#050R0350	B	1.5	50	7.5	10	350	463	324	116	105	3
CA55C155#050R0200	C	1.5	50	7.5	10	200	671	470	168	105	3
CA55C155#050R0300	C	1.5	50	7.5	6	300	548	383	137	105	3
CA55B225#050R0350	B	2.2	50	11.0	10	350	463	324	116	105	3
CA55C225#050R0200	C	2.2	50	11.0	10	200	671	470	168	105	3
CA55C225#050R0300	C	2.2	50	11.0	6	300	548	383	137	105	3
CA55C335#050R0200	C	3.3	50	16.5	10	200	671	470	168	105	3
CA55D335#050R0100	D	3.3	50	16.5	10	100	1025	717	256	105	3
CA55C475#050R0200	C	4.7	50	23.5	10	200	671	470	168	105	3
CA55D475#050R0100	D	4.7	50	23.5	10	100	1025	717	256	105	3
CA55C685#050R0200	C	6.8	50	34.0	10	200	671	470	168	105	3
CA55D685#050R0070	D	6.8	50	34.0	10	70	1225	857	306	105	3
CA55D685#050R0100	D	6.8	50	34.0	10	100	1025	717	256	105	3
CA55D685#050R0120	D	6.8	50	34.0	10	120	935	655	234	105	3
CA55H685#050R0070	H	6.8	50	34.0	10	70	1336	935	334	105	3
CA55H685#050R0090	H	6.8	50	34.0	10	90	1179	825	295	105	3
CA55D106#050R0090	D	10	50	50.0	10	90	1080	756	270	105	3



Part Number	Case Code	Nominal Capacitance	Rated Voltage	Max DCL at +25°C	Max DF at +25°C 100Hz	Max ESR +25°CΩ	Ripple Current (A) 100KHz Max			Max Working Temperature	MSL
							+45°C	+85°C	+125°C		
		μF	V	μA	%	mΩ				°C	
CA55D106#050R0120	D	10	50	50.0	10	120	935	655	234	105	3
CA55E106#050R0070	E	10	50	50.0	6	70	1336	935	334	105	3
CA55E106#050R0100	E	10	50	50.0	10	100	1118	783	280	105	3
CA55E156#050R0070	E	15	50	75.0	6	70	1336	935	334	105	3
CA55E156#050R0100	E	15	50	75.0	10	100	1118	783	280	105	3
CA55V156#050R0100	V	15	50	75.0	10	100	1225	857	306	105	3
CA55E226#050R0075	E	22	50	110.0	10	75	1291	904	323	105	3
CA55E226#050R0100	E	22	50	110.0	10	100	1118	783	280	105	3
CA55V226#050R0100	V	22	50	110.0	10	100	1225	857	306	105	3
CA55E336#050R0075	E	33	50	165.0	10	75	1291	904	323	105	3
CA55V336#050R0100	V	33	50	165.0	10	100	1225	857	306	105	3
CA55B105#063R0300	B	1	63	6.3	8	300	500	350	125	105	3
CA55C105#063R0200	C	1	63	6.3	10	200	671	470	168	105	3
CA55C105#063R0300	C	1	63	6.3	6	300	548	383	137	105	3
CA55D105#063R0120	D	1	63	6.3	10	120	935	655	234	105	3
CA55C155#063R0200	C	1.5	63	9.5	10	200	671	470	168	105	3
CA55C155#063R0300	C	1.5	63	9.5	6	300	548	383	137	105	3
CA55D155#063R0120	D	1.5	63	9.5	10	120	935	655	234	105	3
CA55C225#063R0200	C	2.2	63	13.9	10	200	671	470	168	105	3
CA55D225#063R0120	D	2.2	63	13.9	10	120	935	655	234	105	3
CA55C335#063R0200	C	3.3	63	20.8	10	200	671	470	168	105	3
CA55D335#063R0120	D	3.3	63	20.8	10	120	935	655	234	105	3
CA55C475#063R0200	C	4.7	63	29.6	6	200	671	470	168	105	3
CA55D475#063R0075	D	4.7	63	29.6	10	75	1183	828	296	105	3
CA55D475#063R0120	D	4.7	63	29.6	10	120	935	655	234	105	3
CA55D475#063R0300	D	4.7	63	29.6	10	300	592	414	148	105	3
CA55E475#063R0120	E	4.7	63	29.6	10	120	1021	714	255	105	3
CA55D685#063R0120	D	6.8	63	42.8	10	120	935	655	234	105	3
CA55E685#063R0100	E	6.8	63	42.8	6	100	1118	783	280	105	3
CA55E685#063R0150	E	6.8	63	42.8	6	150	913	639	228	105	3
CA55D106#063R0120	D	10	63	63.0	10	120	935	655	234	105	3
CA55E106#063R0050	E	10	63	63.0	10	50	1581	1107	395	105	3
CA55E106#063R0100	E	10	63	63.0	6	100	1118	783	280	105	3
CA55E106#063R0150	E	10	63	63.0	6	150	913	639	228	105	3
CA55E156#063R0035	E	15	63	94.5	10	35	1890	1323	472	105	3
CA55E156#063R0120	E	15	63	94.5	10	120	1021	714	255	105	3
CA55E156#063R0150	E	15	63	94.5	10	150	913	639	228	105	3
CA55V156#063R0120	V	15	63	94.5	10	120	1118	783	280	105	3

Remark:

1. To complete our part number, please replace “#” by “M” or “K”: M for ±20% and K for ±10%.
2. Pls do not use a multimeter to test tantalum capacitor.
3. DCL test result can be read 5 minutes after power up.
4. Capacitance and DF test conditions: 100Hz, U_~=2.2⁰_{±1} V, U_~=1.0⁰_{±0.5} V, Frequency=100Hz, in series
5. If ambient temperature is over 85°C, it is applied to derating voltage.
6. For special size or any question, pls contact our sales.