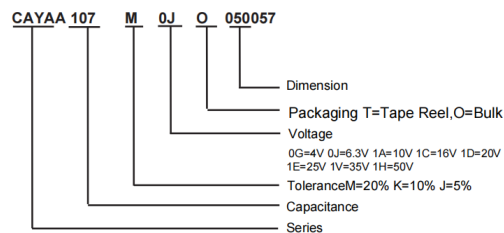


# CAYAA Upgrade!

- ◆ 105°C 2000 Hours
- ◆ Miniature Size Series
- ◆ High Stability, Low ESR, High Frequency
- ◆ RoHS Compliant (2011/65/EU)



PART NUMBER EXAMPLE

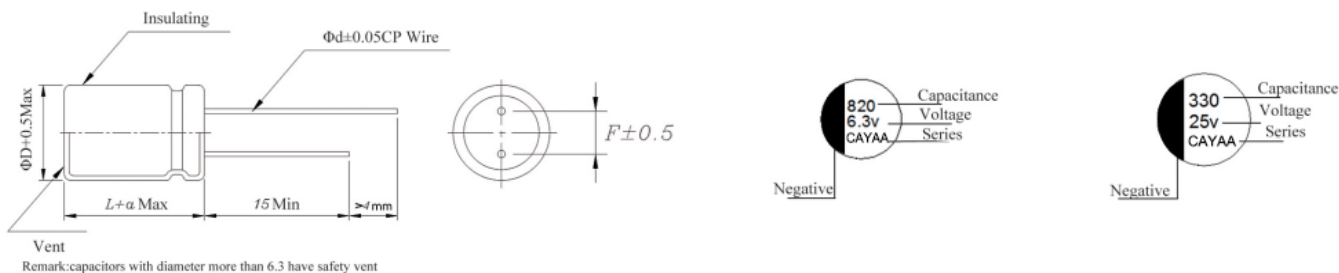


■ Specification

Items	Characteristics	
Operation Temperature Range	-55°C~+105°C	
Rated Voltage	6.3~100V	
Capacitance Range	2.2~10000μF 120Hz/20°C	
Capacitance Tolerance	±20%(120Hz/20°C)	
Dissipation Factor	Less than standard data 120Hz/20°C	
Leakage Current	Less than standard data charging 2mins with rated voltage, 20°C	
ESR	Less than standard data 100KHz/20°C	
Endurance	After load rated voltage for 2000hours at 105°C, the following specification shall be satisfied after placing capacitor for 16 hours at 20°C	
	Capacitance change	Within±20% of the initial value
	ESR	Not more than 150% of the specified value
	Dissipation Factor	Not more than 150% of the specified value
	Leakage current	Not more than the specified value
Humidity	Store the capacitor at 60 °C under the condition of 90%R.H with no load for 1000hrs, the following specifications shall be satisfied after placing capacitor for 16 hours at 20°C.	
	Capacitance change	Within±20% of the initial value
	ESR	Not more than 150% of the specified value
	Dissipation Factor	Not more than 150% of the specified value
	Leakage current	Not more than the specified value

If you have question for leakage current, please apply rated voltage on capacitors at 105°C for 2hours, then test the leakage current again at 20°C.

■ Standard Size



D(±0.5)	5	5.5	6.3	8	10	12.5
d(±0.05)	0.45/0.50	0.45/0.50	0.45/0.50	0.6	0.6	0.6
F(±0.5)	2.0	2.5	2.5	3.5	5.0	5.0
	+1					

■ Rated Ripple Current Frequency Correction Factor

Frequency (Hz)	120Hz	1KHz	10KHz	100KHz	300KHz
Correction factor	0.10	0.45	0.50	1.00	1.00

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltage (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
6.3(7.2)	100	5×5.7	280	0.08	20	2400	CAYAA107M0JO050057
6.3(7.2)	100	6.3×4.2	280	0.08	20	2500	CAYAA107M0JO063042
6.3(7.2)	150	5×5.7	280	0.08	20	2400	CAYAA157M0JO050057
6.3(7.2)	150	6.3×4.2	280	0.08	20	2500	CAYAA157M0JO063042
6.3(7.2)	180	5×5.7	280	0.08	18	2600	CAYAA187M0JO050057
6.3(7.2)	180	6.3×4.2	280	0.08	20	2500	CAYAA187M0JO063042
6.3(7.2)	220	5×5.7	280	0.08	18	2600	CAYAA227M0JO050057
6.3(7.2)	220	6.3×4.2	280	0.08	20	2500	CAYAA227M0JO063042
6.3(7.2)	270	5×7	340	0.08	12	3400	CAYAA277M0JO050070
6.3(7.2)	270	6.3×5.7	340	0.08	18	2800	CAYAA277M0JO063057
6.3(7.2)	330	5×7	416	0.08	12	3400	CAYAA337M0JO050070
6.3(7.2)	330	6.3×5.7	416	0.08	18	2800	CAYAA337M0JO063057
6.3(7.2)	390	5×7	491	0.08	12	3400	CAYAA397M0JO050057
6.3(7.2)	390	6.3×5.7	491	0.08	8	4800	CAYAA397M0JO063057
6.3(7.2)	470	5×8	592	0.08	12	3650	CAYAA477M0JO050080
6.3(7.2)	470	6.3×7	592	0.08	8	4800	CAYAA477M0JO063070
6.3(7.2)	470	8×6	592	0.08	18	3000	CAYAA477M0JO080060
6.3(7.2)	560	5.5×7	706	0.08	12	3800	CAYAA567M0JO055070
6.3(7.2)	560	6.3×7	706	0.08	8	4800	CAYAA567M0JO063070
6.3(7.2)	560	8×6	706	0.08	16	3450	CAYAA567M0JO080060
6.3(7.2)	680	6.3×8	857	0.08	8	5000	CAYAA687M0JO063080
6.3(7.2)	680	8×7	857	0.08	12	4200	CAYAA687M0JO080070
6.3(7.2)	820	5.5×9	1033	0.08	8	4900	CAYAA827M0JO055090
6.3(7.2)	820	6.3×7.5	1033	0.08	8	4900	CAYAA827M0JO063075
6.3(7.2)	820	6.3×9	1033	0.08	8	5250	CAYAA827M0JO063090
6.3(7.2)	820	8×7	1033	0.08	12	4200	CAYAA827M0JO080070
6.3(7.2)	1000	6.3×10	1260	0.08	8	5500	CAYAA108M0JO063100
6.3(7.2)	1000	8×8	1260	0.08	8	5600	CAYAA108M0JO080080
6.3(7.2)	1000	10×7	1260	0.08	12	4500	CAYAA108M0JO100070
6.3(7.2)	1200	6.3×11	1512	0.08	8	5700	CAYAA128M0JO063110
6.3(7.2)	1200	8×9	1512	0.08	8	5800	CAYAA128M0JO080090
6.3(7.2)	1200	10×8	1512	0.08	8	5800	CAYAA128M0JO100080
6.3(7.2)	1500	8×11	1890	0.09	8	6150	CAYAA158M0JO080110
6.3(7.2)	1500	10×9	1890	0.09	8	6050	CAYAA158M0JO100090
6.3(7.2)	2000	8×14	2520	0.10	7	7250	CAYAA208M0JO080140
6.3(7.2)	2000	10×10	2520	0.10	8	6300	CAYAA208M0JO100100
6.3(7.2)	2200	8×14	2772	0.10	7	7500	CAYAA228M0JO080140
6.3(7.2)	2200	10×10	2772	0.10	8	6300	CAYAA228M0JO100100
6.3(7.2)	2500	10×11	3150	0.11	8	6500	CAYAA258M0JO100110
6.3(7.2)	2700	10×11	3402	0.11	8	6500	CAYAA278M0JO100110
6.3(7.2)	3300	10×12	4158	0.13	8	6640	CAYAA338M0JO100120
6.3(7.2)	3900	10×14	4914	0.14	7	7600	CAYAA398M0JO100140
6.3(7.2)	4700	10×16	5922	0.15	7	8100	CAYAA478M0JO100160

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltage (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
6.3(7.2)	4700	12.5×12.5	5922	0.15	8	7600	CAYAA478M0JO125125
6.3(7.2)	5600	10×18	7056	0.17	7	8500	CAYAA568M0JO100180
6.3(7.2)	5600	12.5×14	7056	0.17	8	7900	CAYAA568M0JO125140
6.3(7.2)	6800	10×21	7500	0.20	7	9100	CAYAA688M0JO100210
6.3(7.2)	6800	12.5×16	7500	0.20	7	8950	CAYAA688M0JO125160
6.3(7.2)	8200	12.5×18	7500	0.22	7	9450	CAYAA828M0JO125180
6.3(7.2)	10000	12.5×20	7500	0.26	7	9850	CAYAA109M0JO125200
7.5(8.6)	270	5×7	405	0.08	12	3400	CAYAA277M0MO050070
7.5(8.6)	270	6.3×5.7	405	0.08	18	2800	CAYAA277M0MO063057
7.5(8.6)	330	5×9	495	0.08	12	3800	CAYAA337M0MO050090
7.5(8.6)	330	6.3×5.7	495	0.08	12	3700	CAYAA337M0MO063057
7.5(8.6)	390	5×10	585	0.08	10	4350	CAYAA397M0MO050100
7.5(8.6)	390	6.3×7	585	0.08	12	3900	CAYAA397M0MO063070
7.5(8.6)	390	8×6	585	0.08	18	3250	CAYAA397M0MO080060
7.5(8.6)	470	5×9	705	0.08	12	3850	CAYAA477M0MO050090
7.5(8.6)	470	5×11	705	0.08	10	4500	CAYAA477M0MO050110
7.5(8.6)	470	6.3×8	705	0.08	12	4100	CAYAA477M0MO063080
7.5(8.6)	470	8×6	705	0.08	18	3000	CAYAA477M0MO080690
7.5(8.6)	560	6.3×9	840	0.08	9	5000	CAYAA567M0MO063090
7.5(8.6)	560	8×6	840	0.08	18	3250	CAYAA567M0MO080060
7.5(8.6)	680	6.3×10	1020	0.08	8	5500	CAYAA687M0MO063100
7.5(8.6)	680	8×7	1020	0.08	12	4200	CAYAA687M0MO080070
7.5(8.6)	820	6.3×11	1230	0.08	8	5700	CAYAA827M0MO063110
7.5(8.6)	820	8×8	1230	0.08	8	5600	CAYAA827M0MO080080
7.5(8.6)	1000	6.3×11	1500	0.08	8	5900	CAYAA108M0MO063110
7.5(8.6)	1000	8×9	1500	0.08	8	5800	CAYAA108M0MO080090
10(11.5)	47	5×5.7	280	0.08	30	1900	CAYAA476M1AO050057
10(11.5)	47	6.3×4.2	280	0.08	30	2100	CAYAA476M1AO063042
10(11.5)	68	5×5.7	280	0.08	30	1900	CAYAA686M1AO050057
10(11.5)	68	6.3×4.2	280	0.08	30	2100	CAYAA686M1AO063042
10(11.5)	82	5×5.7	280	0.08	30	1900	CAYAA826M1AO050057
10(11.5)	82	6.3×4.2	280	0.08	30	2100	CAYAA826M1AO063042
10(11.5)	100	5×5.7	280	0.08	30	1900	CAYAA107M1AO050057
10(11.5)	100	6.3×4.2	280	0.08	30	2100	CAYAA107M1AO063042
10(11.5)	150	5×7	300	0.08	15	3050	CAYAA157M1AO050057
10(11.5)	150	6.3×5.7	300	0.08	30	2200	CAYAA157M1AO063057
10(11.5)	180	5×7	360	0.08	15	3050	CAYAA187M1AO050057
10(11.5)	180	6.3×5.7	360	0.08	30	2200	CAYAA187M1AO063057
10(11.5)	220	5×7	440	0.08	15	3050	CAYAA227M1AO050057
10(11.5)	220	6.3×5.7	440	0.08	30	2200	CAYAA227M1AO063057
10(11.5)	270	5×10	540	0.08	12	3950	CAYAA277M1AO050100
10(11.5)	270	6.3×5.7	540	0.08	16	3200	CAYAA277M1AO063057
10(11.5)	330	5×11	660	0.08	12	4100	CAYAA337M1AO050110

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltag (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
10(11.5)	330	6.3×7	660	0.08	16	3200	CAYAA337M1AO063070
10(11.5)	390	6.3×7	780	0.08	12	3900	CAYAA397M1AO063070
10(11.5)	390	8×6	780	0.08	30	2550	CAYAA397M1AO080060
10(11.5)	470	6.3×8	940	0.08	12	4300	CAYAA477M1AO063080
10(11.5)	470	8×7	940	0.08	30	2550	CAYAA477M1AO080070
10(11.5)	560	6.3×10	1120	0.08	10	4900	CAYAA567M1AO06310
10(11.5)	560	8×7	1120	0.08	14	2550	CAYAA567M1AO080070
10(11.5)	680	6.3×11	1360	0.08	9	5400	CAYAA687M1AO063110
10(11.5)	680	8×8	1360	0.08	10	5100	CAYAA687M1AO080080
10(11.5)	820	8×9	1640	0.08	9	5500	CAYAA827M1AO080090
10(11.5)	820	10×7	1640	0.08	14	4500	CAYAA827M1AO100070
10(11.5)	1000	8×11	2000	0.08	9	5800	CAYAA108M1AO080110
10(11.5)	1000	10×8	2000	0.08	9	5500	CAYAA108M1AO100080
10(11.5)	1500	8×14	3000	0.09	8	6800	CAYAA158M1AO080140
10(11.5)	1500	10×12	3000	0.09	9	6300	CAYAA158M1AO100120
10(11.5)	2200	10×14	4400	0.10	8	7000	CAYAA228M1AO100140
10(11.5)	2500	10×14	5000	0.11	8	7000	CAYAA258M1AO100140
10(11.5)	2700	10×16	5400	0.11	8	7500	CAYAA278M1AO100160
10(11.5)	3300	10×18	6600	0.13	8	7900	CAYAA338M1AO100180
10(11.5)	3300	12.5×14	6600	0.13	9	7500	CAYAA338M1AO125140
10(11.5)	3900	10×21	7500	0.13	8	8400	CAYAA398M1AO100210
10(11.5)	3900	12.5×16	7500	0.13	8	8400	CAYAA398M1AO125160
10(11.5)	4700	12.5×18	7500	0.15	8	8400	CAYAA478M1AO125180
10(11.5)	5600	12.5×18	7500	0.17	8	8800	CAYAA568M1AO125180
10(11.5)	6800	12.5×20	7500	0.20	8	9200	CAYAA688M1AO125200
12(13.8)	180	5×7	432	0.08	15	3050	CAYAA187M1BO050070
12(13.8)	180	6.3×5.7	432	0.08	30	2200	CAYAA187M1BO063057
12(13.8)	220	5×9	528	0.08	15	3400	CAYAA227M1BO050090
12(13.8)	220	6.3×5.7	528	0.08	16	3200	CAYAA227M1BO063057
12(13.8)	270	5×10	648	0.08	12	3950	CAYAA277M1BO050100
12(13.8)	270	6.3×7	648	0.08	16	3200	CAYAA277M1BO063070
12(13.8)	330	5×10	792	0.08	12	3950	CAYAA337M1BO050100
12(13.8)	330	6.3×7	792	0.08	12	3900	CAYAA337M1BO063070
12(13.8)	330	8×6	792	0.08	30	2550	CAYAA337M1BO080060
12(13.8)	390	5.5×9	936	0.08	15	3450	CAYAA397M1BO055090
12(13.8)	390	5×11	936	0.08	12	4100	CAYAA397M1BO050110
12(13.8)	390	6.3×8	936	0.08	12	4100	CAYAA397M1BO063080
12(13.8)	470	6.3×9	1128	0.08	12	4300	CAYAA477M1BO063090
12(13.8)	470	8×7	1128	0.08	14	2550	CAYAA477M1BO080070
12(13.8)	560	6.3×10	1344	0.08	10	4900	CAYAA567M1BO063100
12(13.8)	560	8×7	1344	0.08	14	2550	CAYAA567M1BO080070
12(13.8)	680	6.3×11	1632	0.08	9	5400	CAYAA687M1BO063110
12(13.8)	680	8×8	1632	0.08	10	5100	CAYAA687M1BO080080

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltage (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
12(13.8)	1000	8×9	2400	0.08	10	5200	CAYAA108M1BO080090
16(18.4)	22	5×5.7	280	0.08	30	1900	CAYAA226M1CO050057
16(18.4)	22	6.3×4.2	280	0.08	30	2100	CAYAA226M1CO063042
16(18.4)	33	5×5.7	280	0.08	30	1900	CAYAA336M1CO050057
16(18.4)	33	6.3×4.2	280	0.08	30	2100	CAYAA336M1CO063042
16(18.4)	47	5×5.7	280	0.08	30	1900	CAYAA476M1CO050057
16(18.4)	47	6.3×4.2	280	0.08	30	2100	CAYAA476M1CO063042
16(18.4)	68	5×5.7	280	0.08	30	1900	CAYAA686M1CO050057
16(18.4)	68	6.3×4.2	280	0.08	30	2100	CAYAA686M1CO063042
16(18.4)	82	5×5.7	280	0.08	30	1900	CAYAA686M1CO050057
16(18.4)	82	6.3×4.2	280	0.08	30	2100	CAYAA826M1CO063042
16(18.4)	100	5×5.7	320	0.08	30	2000	CAYAA107M1CO050057
16(18.4)	100	5×7	320	0.08	30	2200	CAYAA107M1CO050070
16(18.4)	100	6.3×5.7	320	0.08	30	2100	CAYAA107M1CO063057
16(18.4)	150	5×7	480	0.08	30	2200	CAYAA157M1CO050070
16(18.4)	150	6.3×5.7	480	0.08	30	2200	CAYAA157M1CO063057
16(18.4)	220	5×9	704	0.08	12	3950	CAYAA227M1CO050090
16(18.4)	220	5×10	704	0.08	12	3950	CAYAA227M1CO050100
16(18.4)	220	6.3×5.7	704	0.08	20	2850	CAYAA227M1CO063057
16(18.4)	270	6.3×7	864	0.08	15	3500	CAYAA277M1CO063070
16(18.4)	270	8×6	864	0.08	30	2550	CAYAA277M1CO080060
16(18.4)	330	6.3×8	1056	0.08	12	4300	CAYAA337M1CO063080
16(18.4)	330	8×6	1056	0.08	30	2550	CAYAA337M1CO080060
16(18.4)	390	6.3×8	1248	0.08	12	4300	CAYAA397M1CO063080
16(18.4)	470	5.5×10	1504	0.08	12	4200	CAYAA477M1CO055100
16(18.4)	470	6.3×10	1504	0.08	10	4900	CAYAA477M1CO063100
16(18.4)	470	8×7	1504	0.08	20	3300	CAYAA477M1CO080070
16(18.4)	560	6.3×10	1792	0.08	10	4900	CAYAA567M1CO063100
16(18.4)	560	8×9	1792	0.08	12	4700	CAYAA567M1CO080090
16(18.4)	560	10×8	1792	0.08	12	4700	CAYAA567M1CO100080
16(18.4)	680	6.3×11	2176	0.08	10	5350	CAYAA687M1CO063110
16(18.4)	680	8×10	2176	0.08	10	5350	CAYAA687M1CO080100
16(18.4)	680	10×8	2176	0.08	12	4700	CAYAA687M1CO100080
16(18.4)	820	8×11	2624	0.08	10	5500	CAYAA827M1CO080110
16(18.4)	820	10×9	2624	0.08	12	4950	CAYAA827M1CO100090
16(18.4)	1000	8×11	3200	0.08	10	5800	CAYAA108M1CO100090
16(18.4)	1000	8×14	3200	0.08	8	6800	CAYAA108M1CO080140
16(18.4)	1000	10×10	3200	0.08	12	5200	CAYAA108M1CO100100
16(18.4)	1500	8×14	3200	0.09	12	8400	CAYAA158M1CO080140
16(18.4)	1500	10×12	4800	0.09	8	8400	CAYAA158M1CO100120
16(18.4)	1800	10×13	5760	0.10	8	7000	CAYAA188M1CO100130
16(18.4)	2200	10×15	7040	0.0	8	7500	CAYAA228M1CO100150

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltag (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
16(18.4)	2200	10×18	7040	0.10	8	7900	CAYAA228M1CO100180
16(18.4)	2200	12.5×14	7040	0.10	10	7100	CAYAA228M1CO125140
16(18.4)	2700	10×16	7500	0.11	8	7800	CAYAA278M1CO100160
16(18.4)	2700	10×21	7500	0.11	8	8400	CAYAA278M1CO100210
16(18.4)	2700	12.5×14	7500	0.11	10	7100	CAYAA278M1CO125140
16(18.4)	3300	10×18	7500	0.13	8	8400	CAYAA338M1CO100180
16(18.4)	3300	12.5×16	7500	0.13	8	8400	CAYAA338M1CO125160
16(18.4)	3900	12.5×18	7500	0.14	8	8800	CAYAA398M1CO125180
16(18.4)	4700	12.5×20	7500	0.15	8	9200	CAYAA478M1CO125200
25(28.8)	10	5×5.7	280	0.08	40	1650	CAYAA106M1EO050057
25(28.8)	10	6.3×4.2	280	0.08	40	1800	CAYAA106M1EO063042
25(28.8)	15	5×5.7	280	0.08	40	1650	CAYAA156M1EO050057
25(28.8)	15	6.3×4.2	280	0.08	40	1800	CAYAA156M1EO063042
25(28.8)	22	5×5.7	280	0.08	40	1650	CAYAA226M1EO050057
25(28.8)	22	6.3×4.2	280	0.08	40	1800	CAYAA226M1EO063042
25(28.8)	33	5×5.7	280	0.08	40	1650	CAYAA336M1EO050057
25(28.8)	33	6.3×4.2	280	0.08	40	1800	CAYAA336M1EO063042
25(28.8)	39	5×5.7	280	0.08	40	1650	CAYAA396M1EO050057
25(28.8)	39	6.3×4.2	280	0.08	40	1800	CAYAA396M1EO063042
25(28.8)	47	5×5.7	280	0.08	30	2050	CAYAA476M1EO050057
25(28.8)	47	6.3×4.2	280	0.08	40	1800	CAYAA476M1EO063042
25(28.8)	68	5×7	340	0.08	30	2200	CAYAA686M1EO050070
25(28.8)	68	6.3×5.7	340	0.08	40	1900	CAYAA686M1EO063057
25(28.8)	100	5×9	500	0.08	30	2400	CAYAA107M1EO050090
25(28.8)	100	6.3×5.7	500	0.08	30	2350	CAYAA107M1EO063057
25(28.8)	150	6.3×8	750	0.08	16	3550	CAYAA157M1EO063080
25(28.8)	150	8×6	750	0.08	30	2550	CAYAA157M1EO080060
25(28.8)	180	6.3×8	900	0.08	16	3550	CAYAA187M1EO063080
25(28.8)	180	8×7	900	0.08	30	2550	CAYAA187M1EO080070
25(28.8)	220	6.3×9	1100	0.08	20	3500	CAYAA227M1EO063090
25(28.8)	220	8×7	1100	0.08	30	2700	CAYAA227M1EO080070
25(28.8)	220	10×6	1100	0.08	30	2700	CAYAA227M1EO100060
25(28.8)	330	8×9	1650	0.08	16	4000	CAYAA337M1EO080090
25(28.8)	330	10×8	1650	0.08	16	4100	CAYAA337M1EO100080
25(28.8)	470	8×11	2350	0.08	16	4200	CAYAA477M1EO080110
25(28.8)	470	8×14	2350	0.08	16	4800	CAYAA477M1EO080140
25(28.8)	470	10×9	2350	0.08	16	4300	CAYAA477M1EO100090
25(28.8)	560	8×11	2800	0.08	16	4400	CAYAA567M1EO080110
25(28.8)	560	8×14	2800	0.08	16	4800	CAYAA567M1EO100140
25(28.8)	560	10×10	2800	0.08	16	4500	CAYAA567M1EO100100
25(28.8)	680	8×14	3400	0.08	16	4800	CAYAA687M1EO080140
25(28.8)	680	10×12	3400	0.08	16	4700	CAYAA687M1EO100120
25(28.8)	820	8×16	4100	0.08	16	5050	CAYAA827M1EO080160

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltag (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
25(28.8)	820	8×14	4100	0.08	16	4900	CAYAA827M1EO080140
25(28.8)	820	10×13	4100	0.08	16	4800	CAYAA827M1EO080130
25(28.8)	1000	10×16	5000	0.08	16	5300	CAYAA108M1EO100160
25(28.8)	1000	12.5×12.5	5000	0.08	16	5300	CAYAA108M1EO125125
25(28.8)	1500	10×18	7500	0.09	16	5600	CAYAA158M1EO100180
25(28.8)	1500	12.5×14	7500	0.09	16	5600	CAYAA158M1EO125140
25(28.8)	1800	10×21	7500	0.10	16	6000	CAYAA188M1EO100210
25(28.8)	1800	12.5×16	7500	0.10	16	5900	CAYAA188M1EO125160
25(28.8)	2200	12.5×18	7500	0.10	16	6200	CAYAA228M1EO125180
25(28.8)	2700	12.5×20	7500	0.11	16	6500	CAYAA278M1EO125200
35(41)	10	5×5.7	300	0.12	60	1350	CAYAA106M1VO050057
35(41)	10	6.3×4.2	300	0.12	60	1400	CAYAA106M1VO063042
35(41)	15	5×5.7	300	0.12	60	1350	CAYAA156M1VO050057
35(41)	15	6.3×4.2	300	0.12	60	1400	CAYAA106M1VO063042
35(41)	22	5×5.7	300	0.12	60	1450	CAYAA226M1VO050057
35(41)	22	6.3×4.2	300	0.12	60	1400	CAYAA226M1VO063042
35(41)	33	5×5.7	300	0.12	60	1450	CAYAA336M1VO050057
35(41)	33	6.3×4.2	300	0.12	60	1400	CAYAA336M1VO063042
35(41)	39	5×7	300	0.12	50	1700	CAYAA396M1VO050070
35(41)	39	6.3×5.7	300	0.12	60	1550	CAYAA396M1VO063057
35(41)	47	5×7	329	0.12	50	1700	CAYAA476M1VO050070
35(41)	47	6.3×5.7	329	0.12	60	1550	CAYAA476M1VO063057
35(41)	56	5×7	392	0.12	50	1700	CAYAA566M1VO050070
35(41)	56	6.3×5.7	392	0.12	60	1650	CAYAA566M1VO063057
35(41)	68	5×8	476	0.12	50	1800	CAYAA686M1VO050080
35(41)	68	6.3×5.7	476	0.12	60	1650	CAYAA686M1VO063057
35(41)	68	8×6	476	0.12	60	1650	CAYAA686M1VO080060
35(41)	82	5×9	574	0.12	50	1900	CAYAA826M1VO050090
35(41)	82	6.3×7	574	0.12	50	1900	CAYAA826M1VO063070
35(41)	100	6.3×7	700	0.12	50	1900	CAYAA107M1VO063070
35(41)	100	8×6	700	0.12	60	1800	CAYAA107M1VO080060
35(41)	120	6.3×8	840	0.12	50	2050	CAYAA127M1VO063080
35(41)	120	8×7	840	0.12	60	1900	CAYAA127M1VO080070
35(41)	150	6.3×9	1050	0.12	50	2150	CAYAA157M1VO063090
35(41)	150	8×7	1050	0.12	60	1900	CAYAA157M1VO080070
35(41)	180	6.3×10	1260	0.12	40	2500	CAYAA187M1VO063100
35(41)	180	8×7	1260	0.12	60	1900	CAYAA187M1VO080070
35(41)	220	6.3×11	1540	0.12	40	2600	CAYAA227M1VO063110
35(41)	220	8×8	1540	0.12	50	2200	CAYAA227M1VO080080
35(41)	220	10×7	1540	0.12	60	2050	CAYAA227M1VO100070
35(41)	330	8×10	2310	0.12	30	3100	CAYAA337M1VO080100
35(41)	330	10×8	2310	0.12	50	2350	CAYAA337M1VO100080
35(41)	390	8×11	2730	0.12	30	3200	CAYAA397M1VO080110

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltage (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
35(41)	390	10×10	2730	0.12	50	2550	CAYAA397M1VO100100
35(41)	470	8×14	3290	0.12	20	4250	CAYAA477M1VO080140
35(41)	470	10×11	3290	0.12	30	3400	CAYAA477M1VO100110
35(41)	560	8×16	3920	0.12	20	4550	CAYAA567M1VO080160
35(41)	560	10×12	3920	0.12	30	3450	CAYAA567M1VO100120
35(41)	680	10×14	4760	0.12	20	4450	CAYAA687M1VO100140
35(41)	820	10×16	5000	0.12	20	4700	CAYAA827M1VO100160
35(41)	820	12.5×12.5	5000	0.12	30	3900	CAYAA827M1VO125125
35(41)	1000	10×18	5000	0.12	20	5000	CAYAA108M1VO100180
35(41)	1000	12.5×14	5000	0.12	30	4100	CAYAA108M1VO125140
35(41)	1200	10×21	5000	0.12	20	5300	CAYAA128M1VO100210
35(41)	1200	12.5×16	5000	0.12	20	5300	CAYAA128M1VO125160
35(41)	1500	12.5×18	5000	0.13	20	5600	CAYAA158M1VO125180
35(41)	1800	12.5×20	5000	0.14	20	5850	CAYAA188M1VO125200
50(58)	10	5×5.7	300	0.12	60	1350	CAYAA106M1HO050057
50(58)	10	6.3×4.2	300	0.12	60	1400	CAYAA106M1HO063042
50(58)	12	5×5.7	300	0.12	60	1350	CAYAA126M1HO050057
50(58)	12	6.3×4.2	300	0.12	60	1400	CAYAA126M1HO063042
50(58)	15	5×5.7	300	0.12	60	1450	CAYAA156M1HO050057
50(58)	15	6.3×4.2	300	0.12	60	1400	CAYAA156M1HO063042
50(58)	18	5×5.7	300	0.12	60	1450	CAYAA186M1HO050057
50(58)	18	6.3×4.2	300	0.12	60	1400	CAYAA186M1HO063042
50(58)	22	5×7	300	0.12	60	1450	CAYAA226M1HO050057
50(58)	22	6.3×5.7	300	0.12	60	1550	CAYAA226M1HO063057
50(58)	33	5×8	330	0.12	50	1800	CAYAA336M1HO050080
50(58)	33	6.3×5.7	330	0.12	60	1650	CAYAA336M1HO063057
50(58)	39	5×10	390	0.12	40	2200	CAYAA396M1HO050100
50(58)	39	6.3×7	390	0.12	60	1650	CAYAA396M1HO063070
50(58)	47	6.3×7	470	0.12	50	1900	CAYAA476M1HO063070
50(58)	47	8×6	470	0.12	60	1650	CAYAA476M1HO080060
50(58)	56	6.3×8	560	0.12	50	1900	CAYAA566M1HO063080
50(58)	56	8×7	560	0.12	60	1800	CAYAA566M1HO080070
50(58)	68	6.3×9	680	0.12	50	2150	CAYAA686M1HO063090
50(58)	68	8×7	680	0.12	60	1800	CAYAA686M1HO080070
50(58)	82	6.3×10	820	0.12	40	2500	CAYAA826M1HO080070
50(58)	82	8×7	820	0.12	60	1900	CAYAA826M1HO080070
50(58)	100	8×8	1000	0.12	50	2200	CAYAA107M1HO080080
50(58)	100	10×6.5	1000	0.12	60	2000	CAYAA107M1HO100650
50(58)	120	8×9	1200	0.12	50	2300	CAYAA127M1HO080090
50(58)	120	10×7	1200	0.12	60	2050	CAYAA127M1HO100070
50(58)	150	8×9	1500	0.12	50	2300	CAYAA157M1HO080090
50(58)	150	10×8	1500	0.12	50	2350	CAYAA157M1HO100080
50(58)	180	8×11	1800	0.12	40	2800	CAYAA187M1HO080110





■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltag (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
50(58)	180	10×9	1800	0.12	50	2450	CAYAA187M1HO100090
50(58)	220	8×14	2200	0.12	30	3500	CAYAA227M1HO080140
50(58)	220	10×9	2200	0.12	50	2450	CAYAA227M1HO100090
50(58)	220	10×11	2200	0.12	40	2900	CAYAA227M1HO100110
50(58)	270	8×16	2700	0.12	30	3700	CAYAA277M1HO080160
50(58)	270	10×13	2700	0.12	40	3000	CAYAA277M1HO100130
50(58)	330	10×16	3300	0.12	30	3800	CAYAA337M1HO100160
50(58)	390	10×16	3900	0.12	30	3800	CAYAA397M1HO100160
50(58)	390	12.5×12.5	3900	0.12	40	3350	CAYAA397M1HO125125
50(58)	470	10×18	4700	0.12	30	4050	CAYAA477M1HO100180
50(58)	470	12.5×14	4700	0.12	40	3500	CAYAA477M1HO125140
50(58)	560	10×21	5000	0.12	30	4350	CAYAA567M1HO100210
50(58)	560	12.5×16	5000	0.12	30	4300	CAYAA567M1HO125160
50(58)	680	12.5×18	5000	0.12	30	4550	CAYAA687M1HO125180
50(58)	820	12.5×20	5000	0.12	30	4750	CAYAA827M1HO125200
63(73)	6.8	5×5.7	300	0.12	60	1350	CAYAA685M1JO050057
63(73)	6.8	6.3×4.2	300	0.12	60	1400	CAYAA685M1JO063042
63(73)	8.2	5×5.7	300	0.12	60	1450	CAYAA825M1JO050057
63(73)	8.2	6.3×4.2	300	0.12	60	1400	CAYAA825M1JO063042
63(73)	10	5×5.7	300	0.12	60	1450	CAYAA106M1JO050057
63(73)	10	6.3×4.2	300	0.12	60	1400	CAYAA106M1JO063042
63(73)	15	5×7	300	0.12	60	1450	CAYAA156M1JO050070
63(73)	15	6.3×4.2	300	0.12	60	1400	CAYAA156M1JO063042
63(73)	22	5×9	300	0.12	50	1900	CAYAA226M1JO050090
63(73)	22	6.3×7	300	0.12	50	1900	CAYAA226M1JO063070
63(73)	33	6.3×7	416	0.12	50	1900	CAYAA336M1JO063070
63(73)	33	8×7	416	0.12	60	1800	CAYAA336M1JO080070
63(73)	39	6.3×9	491	0.12	50	2150	CAYAA396M1JO063090
63(73)	39	8×7	491	0.12	60	1800	CAYAA396M1JO080070
63(73)	47	6.3×10	592	0.12	40	2500	CAYAA476M1JO063100
63(73)	47	8×7	592	0.12	60	1900	CAYAA476M1JO080070
63(73)	56	8×8	706	0.12	50	2200	CAYAA566M1JO080080
63(73)	56	10×6	706	0.12	60	1950	CAYAA566M1JO100060
63(73)	68	8×9	857	0.12	50	2300	CAYAA686M1JO080090
63(73)	68	10×7	857	0.12	60	2050	CAYAA686M1JO100070
63(73)	82	8×9	1033	0.12	50	2300	CAYAA826M1JO080090
63(73)	82	10×7	1033	0.12	60	2050	CAYAA826M1JO100070
63(73)	100	8×10	1260	0.12	40	2700	CAYAA107M1JO080100
63(73)	100	10×8	1260	0.12	50	2350	CAYAA107M1JO100080
63(73)	120	8×13	1512	0.12	40	3000	CAYAA127M1JO100090
63(73)	120	10×9	1512	0.12	50	2450	CAYAA127M1JO100090
63(73)	150	8×16	1890	0.12	30	3700	CAYAA157M1JO080160
63(73)	150	10×13	1890	0.12	40	3000	CAYAA157M1JO100130

# CAYAA Upgrade!

■ **Standard Size** Ripple current (mA/r.m.s) 125°C100kHz、ESR(m 100kHz)

Rated Voltag (Surge Voltage) (V)	Capacitance (μF)	Size ΦD×L(mm)	L.C (μA,2 min)	Tanδ 120Hz	ESR	Ripple current	Part number
63(73)	180	10×14	2268	0.12	30	3600	CAYAA187M1JO100140
63(73)	220	10×16	2772	0.12	30	3800	CAYAA227M1JO100160
63(73)	220	12.5×12.5	2772	0.12	40	3350	CAYAA227M1JO125125
63(73)	270	10×18	3402	0.12	30	4050	CAYAA277M1JO100180
63(73)	270	12.5×14	3402	0.12	40	3500	CAYAA277M1JO125140
63(73)	330	10×21	4158	0.12	30	4350	CAYAA337M1JO100210
63(73)	330	12.5×16	4158	0.12	30	4300	CAYAA337M1JO125160
63(73)	390	12.5×18	4914	0.12	30	4550	CAYAA397M1JO125180
63(73)	470	12.5×20	5000	0.12	30	4750	CAYAA477M1JO125200
80(92)	4.7	5×5.7	300	0.12	60	1350	CAYAA475M1KO050057
80(92)	4.7	6.3×4.2	300	0.12	60	1400	CAYAA475M1KO063042
80(92)	6.8	5×5.7	300	0.12	60	1450	CAYAA685M1KO050057
80(92)	6.8	6.3×4.2	300	0.12	60	1400	CAYAA685M1KO063042
80(92)	8.2	5×5.7	300	0.12	60	1450	CAYAA825M1KO050057
80(92)	8.2	6.3×4.2	300	0.12	60	1400	CAYAA825M1KO063042
80(92)	10	5×7	300	0.12	60	1450	CAYAA106M1KO050057
80(92)	10	6.3×4.2	300	0.12	60	1400	CAYAA106M1KO063042
80(92)	15	5×9	300	0.12	50	1900	CAYAA156M1KO050090
80(92)	15	6.3×7	300	0.12	50	1900	CAYAA156M1KO063070
80(92)	22	6.3×7	352	0.12	50	1900	CAYAA226M1KO063070
80(92)	22	8×7	352	0.12	60	1800	CAYAA226M1KO080070
80(92)	33	6.3×10	528	0.12	40	2500	CAYAA336M1KO063100
80(92)	33	8×7	528	0.12	60	1800	CAYAA336M1KO080070
80(92)	39	6.3×11	624	0.12	40	2600	CAYAA396M1KO063110
80(92)	39	8×8	624	0.12	50	2200	CAYAA396M1KO080080
80(92)	47	8×8	752	0.12	50	2200	CAYAA476M1KO080080
80(92)	47	10×7	752	0.12	60	2050	CAYAA476M1KO100070
80(92)	56	8×9	896	0.12	50	2300	CAYAA566M1KO080090
80(92)	56	10×9	896	0.12	50	2450	CAYAA566M1KO100090
80(92)	68	8×10	1088	0.12	40	2700	CAYAA686M1KO080100
80(92)	68	10×9	1088	0.12	50	2450	CAYAA686M1KO100090
80(92)	82	8×12	1312	0.12	40	2900	CAYAA826M1KO080120
80(92)	82	10×10	1312	0.12	50	2550	CAYAA826M1KO100100
80(92)	100	8×14	1600	0.12	30	3500	CAYAA107M1KO080140
80(92)	100	10×12	1600	0.12	40	2950	CAYAA107M1KO100120
80(92)	120	8×16	1920	0.12	30	3700	CAYAA127M1KO080160
80(92)	120	10×13	1920	0.12	40	3000	CAYAA127M1KO100130
80(92)	150	10×16	2400	0.12	30	3800	CAYAA157M1KO100160
80(92)	150	12.5×12.5	2400	0.12	40	3350	CAYAA157M1KO125125
80(92)	180	10×18	2880	0.12	30	4050	CAYAA187M1KO100180
80(92)	180	12.5×14	2880	0.12	40	3500	CAYAA187M1KO125140
80(92)	220	10×21	3520	0.12	30	4350	CAYAA227M1KO100210
80(92)	220	12.5×16	3520	0.12	30	4300	CAYAA227M1KO125160