

1.1 High AC Current Capacitors / Heavy Current Capacitors / Resonant Capacitors :

LC1-AN / LC2-AN / LC3-AN series :

Applications :

High Continuous AC Current applications, High Frequency AC/DC Filter, Medium Frequency Power applications, Induction Heating/Melting Equipments, High Current Welding, Resonant Circuits, Tank Circuits, Motor Controls; Oscillating, Bypass and Coupling circuits.

Properties :

Doesn't need Water cooling
 Force Air Cooling can be useful at +105C but not a must
 High RMS Ripple Current with 100% duty
 Low ESR and ESL
 Low Thermal Resistance
 High continuous power with Lower Internal loss
 High Operating Temperature range up to +105C ranges
 Plastic Enclosure and Light Weight
 Flame Retardant UL94-V0 grade

Electrical Characteristics :

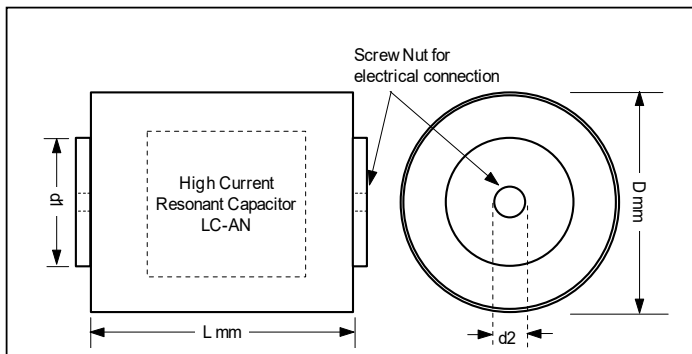
Rated Voltage : 125 – 1,320Vrms (Support higher voltage requirement)
 Capacitance range : 1uF – 100uF (can be customized)
 Ripple RMS Current up to 250A - All the listed Currents are for 100% duty.
 Reactive Power up to 80kVAR

Other Electrical Characteristics :

Capacitance Tolerance : +/-5%; +/-10%
 Operating Temperature : +70C / +85C / +90C / +105C
 Thermal Resistance R θ : refer to the table below

Thermocouple can be built-in, capacitor internal temperature can be measured. The output temperature signal can be used as one of the reference signals in the circuit and trigger other function.

Specifications and Size : LC2-AN / LC3-AN series :



LC3-AN 125Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	R θ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN256K125VR	25	65	64	40	2.1	5	1.5	30
LC3-AN306K125VR	30	65	64	45	1.8	5	1.4	30
LC3-AN406K125VR	40	65	64	50	1.8	6	1.1	30
LC3-AN506K125VR	50	65	64	50	1.9	6	1.1	30
LC3-AN606K125VR	60	65	64	60	1.5	7	0.9	30
LC3-AN706K125VR	70	90	64	70	1.2	8	0.8	30
LC3-AN806K125VR	80	90	64	85	0.9	10	0.8	30
LC3-AN906K125VR	90	90	64	90	0.9	11	0.7	30
LC3-AN107K125VR	100	90	64	100	0.9	12	0.6	30

LC3-AN 150Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	R θ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN256K150VR	25	65	64	40	2.1	6	1.5	30
LC3-AN306K150VR	30	65	64	43	1.9	6	1.4	30
LC3-AN406K150VR	40	65	64	50	1.6	7	1.3	30
LC3-AN506K150VR	50	90	64	65	1.1	10	1.1	30
LC3-AN606K150VR	60	90	64	75	1.0	11	0.9	30
LC3-AN706K150VR	70	90	64	90	0.9	13	0.7	30
LC3-AN806K150VR	80	90	64	100	0.9	15	0.6	30

In all circumstance, it is better to keep the actual capacitor Irms smaller than the listed Irms at the specific temperature.

LC3-AN 185Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN156K185VR	15	65	64	30	2.1	5	2.6	30
LC3-AN206K185VR	20	65	64	35	2.1	6	2.0	30
LC3-AN226K185VR	22	65	64	35	2.2	6	1.9	30
LC3-AN256K185VR	25	65	64	40	2.1	7	1.5	30
LC3-AN306K185VR	30	90	64	50	1.6	9	1.3	30
LC3-AN336K185VR	33	90	64	50	1.7	9	1.2	30
LC3-AN356K185VR	35	90	64	55	1.6	10	1.1	30
LC3-AN406K185VR	40	90	64	65	1.2	12	1.0	30
LC3-AN477K185VR	47	90	64	75	1.0	14	0.9	30

LC3-AN 250Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN156K250VR	15	65	64	30	2.1	7	2.6	30
LC3-AN186K250VR	18	90	64	35	2.0	9	2	30
LC3-AN206K250VR	20	90	64	40	2.2	10	1.5	30
LC3-AN226K250VR	22	90	64	45	2.1	11	1.2	30
LC3-AN256K250VR	25	90	64	55	1.8	14	0.9	30

LC2-AN 250Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN126K250VR-V1	12	90	63.5	60	0.5	15	55	0.6	14	40	1.4	10	2.6	10
LC2-AN156K250VR-V1	15	90	63.5	60	0.6	15	55	0.7	14	40	1.5	10	2.5	10
LC2-AN206K250VR-V1	20	90	81	60	0.5	15	55	0.6	14	40	1.4	10	2.6	12
LC2-AN226K250VR-V1	22	90	81	60	0.6	15	55	0.7	14	40	1.6	10	2.4	12
LC2-AN256K250VR-V1	25	90	99	60	0.5	15	55	0.6	14	40	1.4	10	2.7	15
LC2-AN306K250VR-V1	30	90	99	60	0.6	15	55	0.7	14	40	1.5	10	2.5	15
LC2-AN356K250VR-V1	35	90	99	60	0.6	15	55	0.8	14	40	1.7	10	2.2	15
LC2-AN406K250VR-V1	40	90	134	60	0.6	15	55	0.7	14	40	1.6	10	2.4	22
LC2-AN456K250VR-V1	45	90	134	70	0.5	17.5	65	0.5	16	45	1.3	11	2.2	22
LC2-AN506K250VR-V1	50	90	134	70	0.5	17.5	65	0.6	16	45	1.4	11	2.1	22

LC2-AN 250Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-RNM126K250VR-V2	12	65	180	70	0.58	18	65	0.68	16	50	1.14	13	1.4	15
LC2-RNM156K250VR-V2	15	65	215	90	0.47	23	80	0.59	20	60	1.05	15	1.06	15
LC2-RNM186K250VR-V2	18	65	225	110	0.29	28	90	0.43	23	75	0.62	19	1.15	15
LC2-RNM206K250VR-V2	20	65	255	110	0.31	28	90	0.47	23	75	0.68	19	1.05	15
LC2-RNM226K250VR-V2	22	90	170	130	0.25	33	100	0.42	25	90	0.52	23	0.95	15
LC2-RNM256K250VR-V2	25	90	200	150	0.21	38	130	0.28	33	100	0.47	25	0.85	15
LC2-RNM306K250VR-V2	30	90	230	180	0.16	45	150	0.24	38	120	0.37	30	0.75	15
LC2-RNM356K250VR-V2	35	90	250	200	0.14	50	150	0.25	38	120	0.40	30	0.7	15
LC2-RNM406K250VR-V2	40	90	260	250	0.10	63	200	0.15	50	150	0.27	38	0.65	15
LC2-RNM456K250VR-V2	45	90	295	250	0.10	63	200	0.15	50	150	0.27	38	0.65	15
LC2-AN476K250VR	47	90	295	250	0.10	63	200	0.15	50	150	0.27	38	0.65	15

LC2-AN 300Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN805K300VR	8	65	81	45	0.9	13.5	40	1.1	12	30	2.4	9	2.8	12
LC2-AN106K300VR	10	65	81	45	0.9	13.5	40	1.2	12	30	2.5	9	2.7	12
LC2-AN126K300VR	12	65	99	45	0.9	13.5	40	1.2	12	30	2.6	9	2.6	15
LC2-AN156K300VR	15	65	99	50	0.8	15	45	1.0	14	35	2.0	11	2.5	15
LC2-AN186K300VR	18	90	99	50	0.8	15	45	1.0	14	35	2.0	11	2.4	15
LC2-AN206K300VR	20	65	134	50	0.8	15	45	1.0	14	35	2.0	11	2.5	22
LC2-AN256K300VR	25	90	134	60	0.6	18	55	0.7	17	40	1.6	12	2.4	22
LC2-AN306K300VR	30	90	134	70	0.4	21	65	0.5	20	50	1.0	15	2.3	22
LC2-AN356K300VR	35	90	134	70	0.5	21	65	0.5	20	50	1.1	15	2.2	22
LC2-AN406K300VR	40	90	134	70	0.5	21	65	0.6	20	50	1.1	15	2.1	22

In all circumstance, it is better to keep the actual capacitor Irms smaller than the listed Irms at the specific temperature.

LC2-AN 325Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN106K325VR	10	65	185	70	0.49	23	60	0.67	20	50	0.97	16	1.65	15
LC2-AN126K325VR	12	65	220	80	0.43	26	70	0.56	23	55	0.91	18	1.45	15
LC2-AN156K325VR	15	65	260	100	0.30	33	90	0.37	29	70	0.60	23	1.35	15
LC2-AN186K325VR	18	90	180	120	0.23	39	100	0.33	33	80	0.52	26	1.2	15
LC2-AN206K325VR	20	90	185	130	0.22	42	110	0.30	36	90	0.45	29	1.1	15
LC2-AN226K325VR	22	90	220	150	0.19	49	120	0.29	39	100	0.42	33	0.95	15
LC2-AN256K325VR	25	90	250	180	0.15	59	150	0.21	49	120	0.33	39	0.85	15
LC2-AN306K325VR	30	90	260	200	0.13	65	180	0.16	59	130	0.32	42	0.75	15
LC2-AN356K325VR	35	90	295	250	0.09	81	200	0.14	65	150	0.25	49	0.7	15

LC3-AN 360Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	Cont. Irms +85C	Stray Inductance nH
LC3-AN405K360VR	4	65	60	50	1.3	18	40	25
LC3-AN505K360VR	5	90	60	60	1.1	21	45	25
LC3-AN605K360VR	6	90	60	80	0.8	29	55	25
LC3-AN705K360VR	7	90	60	90	0.8	32	65	25
LC3-AN805K360VR	8	90	60	100	0.8	36	75	25

LC2-AN 360Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN605K360VR-V1	6	65	185	60	0.67	22	50	0.97	18	40	1.52	14	1.65	15
LC2-AN805K360VR-V1	8	65	225	80	0.43	29	65	0.65	23	45	1.36	16	1.45	15
LC2-AN106K360VR-V1	10	90	155	100	0.32	36	70	0.65	25	55	1.06	20	1.25	15
LC2-AN126K360VR-V1	12	90	185	120	0.25	43	100	0.36	36	80	0.57	29	1.1	15
LC2-AN156K360VR-V1	15	90	220	150	0.19	54	120	0.29	43	100	0.42	36	0.95	15
LC2-AN206K360VR-V1	20	90	270	180	0.15	65	150	0.21	54	120	0.33	43	0.85	15

LC2-AN 360Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN605K360VR-V2	6	65	81	45	0.9	16.2	40	1.2	14	30	2.5	11	2.7	12
LC2-AN805K360VR-V2	8	90	81	55	0.7	19.8	50	0.8	18	40	1.5	14	2.5	12
LC2-AN106K360VR-V2	10	90	81	70	0.5	25.2	65	0.5	23	55	0.9	20	2.2	12
LC2-AN126K360VR-V2	12	90	99	70	0.5	25.2	65	0.5	23	55	0.9	20	2.2	15
LC2-AN156K360VR-V2	15	90	134	50	0.8	18.0	45	1.0	16	35	2.0	13	2.4	22
LC2-AN186K360VR	18	90	134	55	0.7	19.8	50	0.9	18	40	1.6	14	2.3	22
LC2-AN206K360VR-V2	20	90	134	65	0.5	23.4	60	0.6	22	45	1.3	16	2.2	22
LC2-AN226K360VR	22	90	134	70	0.5	25.2	65	0.6	23	50	1.1	18	2.1	22
LC2-AN256K360VR	25	90	134	70	0.5	25.2	65	0.6	23	50	1.3	18	1.9	22

LC2-AN 400Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN405K400VR	4	65	81	40	1.2	16	30	2.1	12	20	5.7	8	2.7	12
LC2-AN505K400VR	5	90	81	40	1.3	16	30	2.2	12	20	6.0	8	2.5	12
LC2-AN605K400VR	6	65	99	40	1.2	16	30	2.1	12	20	5.7	8	2.7	15
LC2-AN805K400VR	8	90	99	55	0.7	22	45	1.0	18	35	2.0	14	2.4	15
LC2-AN106K400VR	10	90	99	70	0.5	28	60	0.6	24	50	1.1	20	2.2	15
LC2-AN126K400VR	12	90	134	55	0.7	22	45	1.0	18	35	2.0	14	2.4	22
LC2-AN156K400VR	15	90	134	70	0.5	28	60	0.7	24	50	1.1	20	2.1	22

LC2-AN 415Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN305K415VR	3	65	150	40	1.19	17	35	1.55	15	25	3.05	10	2.10	15
LC2-AN405K415VR	4	65	185	50	0.89	21	40	1.39	17	30	2.47	12	1.8	15
LC2-AN505K415VR	5	65	220	60	0.65	25	50	0.94	21	40	1.47	17	1.7	15
LC2-AN605K415VR	6	65	260	70	0.54	29	60	0.74	25	50	1.07	21	1.5	15
LC2-AN805K415VR	8	90	185	100	0.29	42	80	0.45	33	65	0.68	27	1.4	15
LC2-AN106K415VR	10	90	220	120	0.23	50	100	0.33	42	80	0.52	33	1.2	15
LC2-AN126K415VR	12	90	260	150	0.16	62	120	0.25	50	100	0.36	42	1.1	15

In all circumstance, it is better to keep the actual capacitor Irms smaller than the listed Irms at the specific temperature.

LC2-AN 440Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN405K440VR	4	65	99	35	1.5	15.4	30	2.1	13	20	5.6	9	2.7	15
LC2-AN505K440VR	5	90	99	40	1.3	17.6	35	1.6	15	25	3.8	11	2.5	15
LC2-AN605K440VR	6	90	99	45	1.0	19.8	40	1.3	18	30	2.8	13	2.4	15
LC2-AN805K440VR	8	90	134	45	1.0	19.8	40	1.3	18	30	2.8	13	2.4	22
LC2-AN106K440VR	10	90	134	55	0.8	24.2	50	0.9	22	40	1.7	18	2.2	22
LC2-AN126K440VR	12	90	134	55	0.8	24.2	50	1.0	22	40	1.8	18	2.1	22

LC3-AN 450Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN255K450VR	2.5	65	60	40	1.0	18	3.1	25
LC3-AN305K450VR	3	65	60	45	1.1	20	2.2	25
LC3-AN405K450VR	4	90	60	65	0.9	29	1.3	25
LC3-AN505K450VR	5	90	60	80	0.9	36	0.9	25

LC2-AN 450Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN305K450VR	3	65	230	45	0.86	20	40	1.09	18	30	1.93	14	2.30	15
LC2-AN405K450VR	4	65	295	60	0.53	27	50	0.76	23	40	1.19	18	2.1	15
LC2-AN505K450VR	5	90	180	70	0.44	32	60	0.60	27	50	0.86	23	1.85	15
LC2-AN605K450VR	6	90	210	80	0.38	36	70	0.49	32	60	0.67	27	1.65	15
LC2-AN805K450VR	8	90	250	100	0.27	45	85	0.37	38	70	0.54	32	1.5	15

LC3-AN 550Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN155K550VR	1.5	65	60	30	1.8	16	3.1	25
LC3-AN205K550VR	2	65	60	40	1.1	22	2.9	25
LC3-AN255K550VR	2.5	90	60	50	1.2	27	1.7	25
LC3-AN305K550VR	3	90	60	60	1.3	33	1.1	25
LC3-AN355K550VR	3.5	90	60	70	1.1	38	1.0	25

LC2-AN 720Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN405K720VR	4	90	153	50	0.8	36	40	1.3	29	30	2.8	22	2.4	17
LC2-AN505K720VR	5	90	153	65	0.5	46.8	55	0.8	40	45	1.3	32	2.2	17
LC2-AN605K720VR	6	90	190	65	0.6	46.8	55	0.8	40	45	1.4	32	2.1	20
LC2-AN805K720VR	8	90	260	45	1.0	32.4	35	1.6	25	25	3.8	18	2.5	33
LC2-AN106K720VR	10	90	260	60	0.6	43.2	50	0.9	36	40	1.6	29	2.3	33
LC2-AN126K720VR	12	90	260	70	0.5	50.4	60	0.7	43	50	1.3	36	1.9	33

LC3-AN 750Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +55C	Rθ C/W +55C	Cont. Power KVAR +55C	ESR mohm 100khz 25C	Stray Inductance nH
LC3-AN105K750VR	1	65	60	25	1.5	19	5.5	25
LC3-AN125K750VR	1.2	90	60	30	1.3	22	4.2	25
LC3-AN155K750VR	1.5	90	60	40	1.1	30	2.9	25
LC3-AN185K750VR	1.8	90	60	45	1.5	34	1.7	25
LC3-AN205K750VR	2	90	60	45	1.6	34	1.5	25

LC2-AN 800Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN255K800VR	2.5	52	231	40	1.1	32	35	1.5	28	25	3.4	20	2.8	33
LC2-AN305K800VR	3	56	231	50	0.8	40	40	1.2	32	30	2.6	24	2.6	33
LC2-AN405K800VR	4	50	231	50	0.7	40	40	1.1	32	30	2.3	24	2.9	33
LC2-AN505K800VR	5	56	231	60	0.5	48	50	0.8	40	40	1.4	32	2.6	33
LC2-AN605K800VR	6	62	231	70	0.4	56	60	0.6	48	50	1.0	40	2.3	33
LC2-AN805K800VR	8	72	231	70	0.5	56	60	0.7	48	50	1.1	40	2.1	33

In all circumstance, it is better to keep the actual capacitor Irms smaller than the listed Irms at the specific temperature.

LC2-AN 1000Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN205K1000VR	2	90	280	40	1.2	40	30	2.1	30	22	4.8	22	2.6	33
LC2-AN255K1000VR	2.5	90	280	40	1.2	40	30	2.1	30	22	4.6	22	2.7	33
LC2-AN305K1000VR	3	90	280	50	0.8	50	40	1.2	40	25	3.7	25	2.6	33
LC2-AN405K1000VR	4	90	280	60	0.6	60	50	0.9	50	40	1.6	40	2.3	33
LC2-AN505K1000VR	5	90	280	70	0.5	70	60	0.7	60	45	1.4	45	2.1	33

LC2-AN 1200Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN155K1200VR-V1	1.5	90	280	35	1.6	42	30	2.2	36	20	6.0	24	2.5	33
LC2-AN155K1200VR-V2	1.5	65	280	30	2.2	36	25	3.2	30	18	7.4	22	2.5	33
LC2-AN205K1200VR-V1	2	90	280	50	0.9	60	40	1.4	48	25	4.2	30	2.3	33
LC2-AN205K1200VR-V2	2	65	280	40	1.4	48	30	2.4	36	20	6.5	24	2.3	33
LC2-AN255K1200VR-V1	2.5	90	280	60	0.7	72	50	1.0	60	35	2.3	42	2.1	33
LC2-AN255K1200VR-V2	2.5	90	280	50	1.0	60	40	1.5	48	30	3.2	36	2.1	33
LC2-AN305K1200VR-V1	3	90	280	60	0.6	72	50	0.9	60	35	2.2	42	2.2	33
LC2-AN305K1200VR-V2	3	90	280	60	0.7	72	50	1.0	60	35	2.4	42	2.0	33

LC2-AN 1320Vrms

P/N :	Cn uF	Diameter D mm	Length L mm	Cont. Irms +70C	Rθ C/W +70C	Cont. Power KVAR +70C	Cont. Irms +85C	Rθ C/W +85C	Cont. Power KVAR +85C	Cont. Irms +105C	Rθ C/W +105C	Cont. Power KVAR +105C	ESR mohm 100khz 25C	Stray Inductance nH
LC2-AN155K1320VR	1.5	90	280	35	1.7	46.2	30	2.3	40	20	6.3	26	2.4	33
LC2-AN205K1320VR	2	90	280	45	1.1	59.4	40	1.4	53	25	4.4	33	2.2	33
LC2-AN255K1320VR	2.5	90	280	60	0.7	79.2	50	1.1	66	35	2.6	46	1.9	33

In all circumstance, it is better to keep the actual capacitor Irms smaller than the listed Irms at the specific temperature.