



Capacitor Series Table

Organic Conductive Polymer Capacitors (OP-CAP)

Series	FEATURES	Temperature & Load Life Time	Rated Voltage Range (V, DC)	Capacitance Range(μF)	Page	
Chip Type	OCV	Standard	105°C, 2,000 Hrs	2.5 ~ 35	6.8 ~ 1,500	26
	OVK	Long Life	105°C, 5,000 Hrs	4 ~ 16	39 ~ 680	28
	OCVZ	Downsize, Super Low ESR, 4.5mmL Available	105°C, 2,000 Hrs	2.5 ~ 16	39 ~ 2,700	30
	OVH	Ultra Low ESR	105°C, 2,000 Hrs	2.5 ~ 6.3	220 ~ 2,200	32
	OCVU	High Temperature Usage, 125°C	125°C, 1,000 ~ 2,000 Hrs	2.5 ~ 16	180 ~ 1,500	34
Radial Type	OCR	Standard	105°C, 2,000 Hrs	2.5 ~ 50	6.8 ~ 1,500	37
	OCRZ	Downsize, Super Low ESR	105°C, 2,000 Hrs	2.5 ~ 16	100 ~ 2,700	38
	ORE	Ultra Low ESR, Long Life	105°C, 5,000 Hrs	2.5	330 ~ 820	40
	OCRK	Long Life	105°C, 5,000 Hrs	2.5 ~ 16	180 ~ 820	42
	OCRU	High Temperature Usage, 125°C	125°C, 1,000 ~ 2,000 Hrs	2.5 ~ 20	100 ~ 1,200	43

SMD Aluminum Electrolytic Capacitors

Series	FEATURES	Temperature & Load Life Time	Rated Voltage Range (V, DC)	Capacitance Range(μF)	Page	
Chip Type	VE	Standard, 85°C	85°C, 2,000 Hrs	4 ~ 450	1 ~ 10,000	45
	VSS	4.5 mmL, Low Profile	85°C, 2,000 Hrs	4 ~ 50	0.47 ~ 100	47
	VES	Downsize, 105°C	105°C, 1,000 Hrs	6.3 ~ 50	1 ~ 100	48
	VEJ	Standard, 105°C	105°C, 2,000 Hrs	6.3 ~ 450	1 ~ 8,200	49
	VEU	Long Life, 105°C	105°C, 3,000 ~ 5,000 Hrs	6.3 ~ 50	1 ~ 1,500	51
	VEZ	Low ESR, Downsize	105°C, 1,000 Hrs	6.3 ~ 50	1 ~ 220	53
	VEH	Low ESR	105°C, 2,000 Hrs	6.3 ~ 50	3.3 ~ 1,000	54
	VZH	Low ESR, High Reliability	105°C, 2,000 ~ 5,000 Hrs	6.3 ~ 100	1 ~ 8,200	56
	VLV	Low ESR, High Reliability, Anti-vibration	105°C, 5,000 Hrs	6.3 ~ 100	100 ~ 8,200	58
	VZS	Ultra Low ESR, High CV	105°C, 2,000 Hrs	6.3 ~ 35	22 ~ 680	60
	VUA	High Temperature Usage, 125°C	125°C, 1,000 ~ 2,000 Hrs	10 ~ 50	22 ~ 4,700	62
	VLW	High Temperature Usage, 125°C, Anti-vibration	125°C, 2,000 Hrs	10 ~ 50	100 ~ 4,700	64
	VEB	Bi-polarized	85°C, 2,000 Hrs	6.3 ~ 50	0.33 ~ 47	65
VEC	Low Leakage Current	85°C, 2,000 Hrs	6.3 ~ 50	1 ~ 100	66	

Aluminum Electrolytic Capacitors

Series	FEATURES	Temperature & Load Life Time	Rated Voltage Range (V, DC)	Capacitance Range(μF)	Page	
Radial Type	REA	Standard, 85°C	85°C, 2,000 ~ 3,000 Hrs	6.3 ~ 450	2.2 ~ 33,000	67
	RGA	Standard, 105°C	105°C, 2,000 Hrs	6.3 ~ 450	2.2 ~ 33,000	69
	RJA	Wide Temperature Range	105°C, 2,000 Hrs	6.3 ~ 100	2.2 ~ 4,700	71
	RUK	High Temperature Usage, Long Life, 125°C	125°C, 3,000 ~ 5,000 Hrs	10 ~ 63	0.47 ~ 1,000	73
	RUA	High Temperature Usage, 130°C	130°C, 2,000 ~ 3,000 Hrs	10 ~ 450	0.47 ~ 1,000	75
	RXY	Low ESR	105°C, 2,000 ~ 3,000 Hrs	6.3 ~ 50	2.2 ~ 18,000	77
	RXJ	Low ESR, Longer Life	105°C, 2,000 ~ 5,000 Hrs	6.3 ~ 100	2.2 ~ 4,700	80
	RXK	Low ESR, Downsize, Longer Life	105°C, 2,000 ~ 5,000 Hrs	6.3 ~ 63	12 ~ 10,000	83
	RXW	Low ESR, High Reliability	105°C, 4,000 ~ 7,000 Hrs	6.3 ~ 100	2.2 ~ 15,000	87
RZW	Low ESR, High Reliability	105°C, 4,000 ~ 10,000 Hrs	6.3 ~ 63	2.2 ~ 18,000	90	



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Series	FEATURES	Temperature & Load Life Time	Rated Voltage Range (V, DC)	Capacitance Range(μF)	Page	
Radial Type	RXC	High Voltage, High Ripple Current	105°C, 2,000 ~ 3,000 Hrs	160 ~ 450	1.5 ~ 330	93
	RGL	High Voltage, High Ripple Current, Slim Type	105°C, 2,000 Hrs	400 ~ 450	15 ~ 220	99
	RXB	High Voltage, High Ripple Current, Longer Life	105°C, 5,000 Hrs	160 ~ 450	2.2 ~ 330	95
	RPL	High Voltage, High Ripple Current, Longer Life, Slim Type	105°C, 5,000 Hrs	400 ~ 450	33 ~ 150	101
	RXQ	High Voltage, High Ripple Current, Long Life	105°C, 8,000 ~ 10,000 Hrs	160 ~ 450	6.8 ~ 330	97
	RQL	High Voltage, High Ripple Current, Long Life, Slim Type	105°C, 10,000 Hrs	400 ~ 450	33 ~ 180	103
	RLA	Low Leakage Current	85°C, 2,000 Hrs	6.3 ~ 100	2.2 ~ 4,700	105
	RA	Low Leakage Current, 105°C	105°C, 1,000 Hrs	6.3 ~ 100	2.2 ~ 4,700	107
	RGV	Flame Retardant, 105°C	105°C, 2,000 Hrs	400 , 450	22 ~ 150	109
Low-profile	SEA	7 mmL, Standard	85°C, 2,000 Hrs	4 ~ 63	1 ~ 1,000	110
	SG	7 mmL, Standard, 105°C	105°C, 1,000 Hrs	4 ~ 63	1 ~ 330	111
	SLA	7 mmL, Low Leakage Current	85°C, 2,000 Hrs	4 ~ 63	1 ~ 100	112
	SA	7 mmL, Low Leakage Current, 105°C	105°C, 1,000 Hrs	4 ~ 63	1 ~ 100	113
	SJA	7 mmL, Wide Temperature Range	105°C, 2,000 Hrs	4 ~ 63	1 ~ 470	114
	SS	5 mmL, Standard	85°C, 1,000 Hrs	4 ~ 50	1 ~ 330	115
	SSG	5 mmL, Standard, 105°C	105°C, 1,000 Hrs	4 ~ 50	1 ~ 220	116
	SSL	5 mmL, Low Leakage Current	85°C, 1,000 Hrs	4 ~ 50	1 ~ 100	117
	SXJ	5 ~ 7 mmL, Low ESR	105°C, 1,000 Hrs	6.3 ~ 35	4.7 ~ 220	118
Bi-polarized	RN	Bi-polarized, Standard	85°C, 2,000 Hrs	6.3 ~ 250	1 ~ 2,200	119
	RNG	Bi-polarized, 105°C	105°C, 2,000 Hrs	6.3 ~ 250	1 ~ 2,200	121
	SN	7 mmL, Bi-polarized	85°C, 1,000 Hrs	4 ~ 63	0.47 ~ 100	123
	SSN	5 mmL, Bi-polarized	85°C, 1,000 Hrs	4 ~ 50	0.33 ~ 47	124
Large Size	LS	Snap-in, Standard	85°C, 3,000 Hrs	16 ~ 500	56 ~ 33,000	125
	LS2	Snap-in, For Over Voltage Vent Operation Test	85°C, 2,000 Hrs	200, 250, 400, 450	47 ~ 1,800	136
	LSG	Snap-in, Standard, 105°C	105°C, 2,000 Hrs	16 ~ 500	56 ~ 22,000	139
	LSM	Snap-in, Longer Life	105°C, 3,000 Hrs	16 ~ 500	47 ~ 22,000	149
	LSK	Snap-in, Long Life	105°C, 5,000 Hrs	200 ~ 500	39 ~ 1,200	157
	LV	Snap-in, Flame Retardant	85°C, 2,000 Hrs	400, 450	56 ~ 680	163
	LVG	Snap-in, Retardant, 105°C	105°C, 2,000 Hrs	400, 450	47 ~ 470	163
	LHM	Snap-in, High Speed Charge / Discharge	105°C, 3,000 Hrs	350 ~ 450	82 ~ 820	166
	MEA	Screw Terminal, Standard, 85°C	85°C, 2,000 Hrs	10 ~ 450	270 ~ 680,000	169
	MEK	Screw Terminal, Long Life, 85°C	85°C, 5,000 Hrs	350 ~ 525	1,000 ~ 18,000	180
	MEQ	Screw Terminal, Long Life, 85°C	85°C, 20,000 Hrs	350 ~ 450	1,000 ~ 10,000	185
	MGA	Screw Terminal, Standard, 105°C	105°C, 2,000 Hrs	16 ~ 400	180 ~ 470,000	189
	MGK	Screw Terminal, Long Life, 105°C	105°C, 5,000 Hrs	350 ~ 450	1,000 ~ 10,000	195
	MKR	Screw Terminal, High Speed Charge / Discharge	85°C, 5,000 Hrs	350 ~ 450	1,000 ~ 18,000	198

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