

Type List for Aluminum Electrolytic Capacitors

★ : New series
☆ : Upgrade

Aluminum (Conductive Polymer, Hybrid) Electrolytic Capacitors

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)		Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range ϕD x L (mm)		Outside color	JIS Configurati	Note
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
Hybrid	HV	Low ESR Hybrid Polymer Chip	-55	+105	10000		6.3	100	10	820	5×5.8	12.5×13.5	Silver	32	
	HT	Low ESR Hybrid Polymer Chip, Vibration resistance	-55	+105	10000		6.3	100	10	820	6.3×5.8	12.5×13.5	Silver	32	☆
	HVK	Low ESR, 125°C, Hybrid Polymer Chip	-55	+125	4000	6000	6.3	100	10	820	5×5.8	12.5×13.5	Silver	32	
	HTK	Low ESR, 125°C, Hybrid Polymer Chip, Vibration resistance	-55	+125	4000	6000	6.3	100	10	820	6.3×5.8	12.5×13.5	Silver	32	☆
	HVX	Low ESR, 135°C, Hybrid Polymer Chip	-55	+135	2000	4000	16	63	10	560	6.3×5.8	10×12.5	Silver	32	☆
	HTX	Low ESR, 135°C, Hybrid Polymer Chip, Vibration resistance	-55	+135	2000	4000	16	63	10	560	6.3×5.8	10×12.5	Silver	32	☆
	HVQ	Low ESR, 150°C, Hybrid Polymer Chip	-55	+150	1000		16	63	33	470	8×10	10×10	Silver	32	★
	HTQ	Low ESR, 150°C, Hybrid Polymer Chip, Vibration resistance	-55	+150	1000		16	63	33	470	8×10	10×10	Silver	32	★
	HR	Low ESR Hybrid Polymer, lead terminal type	-55	+105	10000		25	100	15	560	10×10	10×12.5	Silver	04	
	HRK	Low ESR, 125°C, Hybrid Polymer, lead terminal type	-55	+125	4000	6000	25	100	15	560	10×10	10×12.5	Silver	04	
Polymer	PVX	Ultra Low ESR Conductive Polymer Chip	-55	+105	2000		2.5	10	100	1200	5×5.7	6.3×5.7	Silver	32	
	PVM	Super Low ESR Conductive Polymer Chip	-55	+105	2000		2.5	16	33	1200	5×5.7	6.3×5.7	Silver	32	
	PVK	Super Low ESR, High Temp. Conductive Polymer Chip	-55	+125	1000		2.5	16	33	1000	6.3×5.7		Silver	32	

Chip Type Aluminum Electrolytic Capacitors

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)		Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range ϕD x L (mm)		Outside color	JIS Configurati	Note
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
Standard	RV4	4.5mm L	-40	+85	2000		6.3	50	10	100	6.3×4.5		Silver	32	
	RV5	High CV	-40	+85	2000		4	100	1	2200	4×5.3	12.5×13.5	Silver	32	
	RVB	Non Polarized	-40	+85	2000		6.3	50	1	47	4×5.3	6.3×5.3	Silver	32	
High Reliability	RVE	105°C, 4.5mm L	-40	+105	1000		6.3	50	10	100	6.3×4.5		Silver	32	
	RVS	105°C, 5.5mm L	-55	+105	1000		6.3	50	1	1500	4×5.3	10×10.5	Silver	32	
	RVL	105°C, 5.5mm L	-55	+105	2000		6.3	50	1	100	4×5.7	6.3×5.7	Silver	32	
	RVJ	105°C, Higher Capacitance	-55	+105	2000	5000	6.3	100	10	1000	8×6.5	12.5×13.5	Silver	32	
	RVR	105°C, Long Life, High CV	-40	+105	2000		4	50	1	1500	4×5.3	10×10.5	Silver	32	
	RVI	105°C, Non Polarized, 2000h	-40	+105	2000		6.3	50	1	47	4×5.8	6.3×5.8	Silver	32	
	RVC	105°C, 3000h/5000h	-40	+105	3000	5000	6.3	50	1	1000	4×5.8	10×10	Silver	32	
	RZH	105°C, 5000h/7000h	-55	+105	5000	7000	6.3	35	22	1000	6.3×5.8	10×10	Silver	32	
Low Impedance, Low ESR, High Reliability	RVZ	105°C, Low ESR	-55	+105	1000	5000	6.3	35	4.7	2700	4×5.3	12.5×13.5	Silver	32	
	RVD	105°C, Low ESR, Long life	-55	+105	2000	5000	6.3	100	4.7	2200	4×5.8	12.5×13.5	Silver	32	
	RVV	105°C, Low ESR, High CV	-55	+105	2000		6.3	50	33	1500	6.3×5.8	10×10	Silver	32	
	RZD	105°C, Low ESR, High CV	-55	+105	2000		6.3	50	22	2200	6.3×5.8	10×10	Silver	32	
	RZK	105°C, Low ESR, High CV	-55	+105	2000		25	35	470	1000	8×10	10×10	Silver	32	★
	RVT	125°C, Low ESR	-40	+125	1000	5000	10	100	4.7	1000	4×5.8	12.5×13.5	Silver	32	
	RZJ	125°C, Low ESR, Long Life	-40	+125	2000	3000	10	50	47	470	6.3×7.7	10×10	Silver	32	☆
	RZF	125°C, Low ESR, Long Life, High CV	-40	+125	2000	4000	10	50	22	680	6.3×5.8	10×10	Silver	32	
	RZE	125°C, Low ESR, High CV	-40	+125	2000		35	35	47	100	6.3×7.7		Silver	32	
	RVX	135°C, Higher Reliability	-40	+135	1000		25	35	22	330	8×10	10×10	Silver	32	
For Vibration Resistance	RTZ	105°C, Low ESR, High CV, 30G Vibration resistance	-55	+105	1000	5000	6.3	35	33	8200	6.3×5.8	18×21.5	Silver	32	
	RTD	105°C, Low ESR, High CV, 30G Vibration resistance	-55	+105	2000	4000	6.3	100	10	8200	6.3×5.8	18×21.5	Silver	32	
	RTT	125°C, Low ESR, High CV, 30G Vibration resistance	-40	+125	1000	5000	10	100	10	4700	6.3×5.8	18×21.5	Silver	32	
	RTQ	150°C, Low ESR, High CV, 30G Vibration resistance	-40	+150	1000		10	35	33	470	8×10	10×10	Silver	32	

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NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

Type List for Aluminum Electrolytic Capacitors

★ : New series
☆ : Upgrade

● Miniature Aluminum Electrolytic Capacitors

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)		Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range φD x L (mm)		Outside color	JIS Configurati	Note
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
Low profile	RC3	5mmL, Standard	-40	+85	1000		4	50	1	470	4×5	8×5	Blue	04	
	R3S	5mmL, 105°C	-55	+105	1000		6.3	50	1	100	4×5	6.3×5	Black	04	
	RB3	5mmL, Bipolar	-40	+85	1000		6.3	50	0.33	47	4×5	6.3×5	Blue	04	
	RC2	7mmL, Standard	-40	+85	1000		4	100	1	330	4×7	8×7	Blue	04	
	R2S	7mmL, 105°C	-55	+105	1000		6.3	50	1	100	4×7	6.3×7	Black	04	
	RB2	7mmL, Bipolar	-40	+85	1000		6.3	50	0.33	47	4×7	6.3×7	Blue	04	
Standard	RE3	Miniaturized Standard	-40	+85	2000		6.3	450	0.47	22000	5×11	18×40	Blue	04	
	R2B	Bipolarity Standard	-40	+85	2000		6.3	100	1	4700	5×11	18×35.5	Blue	04	
	RJP	105°C, Bipolar	-40	+105	1000	2000	6.3	50	1	6800	5×11	18×35.5	Black	04	
	RJ5	105°C, Miniaturized, High CV	-55 -40	+105	1000 2000	2000	6.3 160	100 450	1 1	22000 470	5×11 6.3×11	18×40 18×40	Black	04	
	RJ4	105°C, Miniaturized	-55 -40	+105	1000 2000	2000	6.3 160	100 450	1 1	22000 330	5×11 6.3×11	18×40 18×35.5	Black	04	
	RJ3	105°C, Low Impedance	-55 -40	+105	1000 2000	2000	6.3 160	100 400	1 1	15000 220	5×11 6.3×11	18×35.5 18×40	Black	04	
Special	RLB	Low-leakage Current	-40	+85	1000		6.3	50	1	2200	5×11	18×35.5	Blue	04	
Low Impedance, Low ESR, High Reliability	RJB	105°C, Low Impedance, Miniaturized	-55	+105	2000	5000	6.3	100	3.3	10000	5×11.5	16×31.5	Black	04	
	RJH	105°C, Extra Low Impedance	-55	+105	2000	5000	6.3	100	1	15000	5×11.5	18×40	Black	04	
	RJF	105°C, Extra Low Impedance, Miniaturized	-40	+105	1000	10000	6.3	100	5.6	6800	4×7	18×40	Black	04	
	RJM	105°C, Long life, Low Impedance	-40	+105	6000	10000	6.3	50	27	8200	5×11.5	16×25	Black	04	
	RJD	105°C, Low ESR, High Ripple, Miniaturized	-55	+105	2000	8000	6.3	100	10	18000	5×11.5	20×40	Black	04	
	RKD	125°C, Low ESR, Miniaturized	-40	+125	2000	5000	10	100	100	8200	8×12	20×40	Black	04	
	RKB	135°C, Low ESR, Miniaturized	-40	+135	2000	3000	10	100	220	6800	10×12.5	18×40	Silver	04	
	RKC	135°C, Low ESR, Miniaturized	-40	+135	2000	3000	25	100	160	12000	12.5×20	18×40	Silver	04	
	RQA	150°C, Miniaturized	-40	+150	1000		10	63	220	4700	10×14.5	18×42.5	Silver	04	
	RQB	150°C, Miniaturized	-40	+150	2000		35	80	320	4700	16×26.5	18×42.5	Silver	04	★
For Air bag	RJE	105°C, Low ESR, High Ripple, For Airbag	-55	+105	5000		25	35	830	11000	12.5×15	18×40	Black	04	
	RJK	105°C, High CV, Low ESR, High Ripple, For Airbag	-55	+105	5000		25	35	2500	17000	16×20	20×40	Black	04	
For Vibration Resistance	RPK	125°C, Low ESR, 30G Vibration resistance	-40	+125	5000		10	100	220	8200	12.5×15	20×40	Black	04	
	RKE	125°C, Low ESR, 40G Vibration resistance	-40	+125	5000		25	50	1200	8200	16×31.5	22×40	Silver	04	
	RKF	135°C, Low ESR, 40G Vibration resistance	-40	+135	2000	3000	25	100	180	10000	12.5×25	22×40	Silver	04	
	RKG	150°C, Low ESR, 40G Vibration resistance	-40	+150	1000	2000	25	80	800	4700	18×42	22×42	Silver	04	
High Ripple, long Life	RHS	105°C, Long Life, High Ripple, For OBC	-40	+105	4000	5000	160	450	1	1000	10×12.5	22×50	Black	04	
	RHC	105°C, Long Life, High Ripple, For OBC	-40	+105	5000	10000	160	450	2.2	1000	10×12.5	22×50	Black	04	
	RHD	105°C, Long Life, High Ripple, For OBC	-40	+105	8000	12000	160	450	3.3	1000	10×12.5	22×50	Black	04	

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● Some of the series listed in the below table have been removed from the catalogue.

Please select from the new series for a designing your(new) application.

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)		Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range φD x L (mm)		Substitute series to recommend
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
Polymer	PRM	Ultra Low ESR Conductive Polymer Chip	-55	+105	2000		2.5	6.3	120	1200	5×5.7	10×7.7	—
Chip	RV2	85°C, 5.5mm L, Standard	-40	+85	2000		4	50	0.1	220	3×5.3	6.3×5.3	RV5
	RV3	85°C, High CV	-40	+85	2000		6.3	50	4.7	330	4×5.3	6.3×7.7	RV5
	RV	85°C, Large Capacitance	-40	+85	2000		6.3	100	10	2200	8×6.5	12.5×13.5	RV5

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■ Type List for Aluminum Electrolytic Capacitors

★ : New series
☆ : Upgrade

● Large Capacitance Aluminum Electrolytic Capacitors

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)	Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range ϕD x L (mm)		Outside color	JIS Configurati	Note
			Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.			
Snap-in	LA5	Miniaturized	-40 -25	+85	2000	10 —	400 450	56 47	150000 820	22×20	35×50	Black	692	
	LAH	105°C , Standard	-40 -25	+105	2000	16 160	100 450	390 56	82000 2200	22×20	35×50	Black	692	
	LAT	105°C , Miniaturized	-25	+105	2000	160	500	22	3900	22×20	35×60	Black	692	
	LAZ	High-Reliability, High Ripple, Long Life	-40 -25	+105	3000	16 160	100 500	390 39	82000 3900	22×20	35×50 35×60	Black	692	
	LAX	105°C , Ultra Long Life	-25	+105	5000	160	500	39	3900	22×20	35×60	Black	692	
	LJ6	105°C , Higher Capacitance, Ultra Long Life	-25	+105	5000	200	500	390	3900	35×40	40×80	Black	—	
	LJ2	105°C , Higher Capacitance, Ultra Long Life	-25	+105	5000	200	500	560	3900	40×45	40×80	Black	—	
Special	LPM	High ripple current	-25	+85	2000	250	400	45	220	35×40	35×50	Black	692	
	LM	High ripple current, Higher Capacitance	-25	+85	2000	250	400	90	440	35×80	40×100	Black	—	
Screw terminal	LYX	105°C , Ultra Long Life	-40	+105	5000	350	450	1000	15000	51×75	90×236	Black	331	
	LYL	Ultra Long Life	-40	+85	20000	350	450	1000	15000	51×75	90×236	Black	331	
	LY6	High Ripple, Miniaturized	-25	+85	5000	400	600	1000	22000	51×115	101×237	Black	331	
	LY5	Standard	-40 -25	+85	2000	10 350	250 630	1500 470	820000 18000	36×53 36×83	90×171 101×220	Black	331	

● Aluminum Electrolytic Capacitors for Audio

Category	Series	Application	Category Temp. Range (°C)		Life time Range (hours)	Rated Voltage Range (V.DC)		Rated Capacitance Range (μF)		Size range ϕD x L (mm)		Outside color	JIS Configurati	Note
			Min.	Max.		Min.	Max.	Min.	Max.	Min.	Max.			
For Audio	RVO	Chip Type (PURECAP)	-40	+85	2000	6.3	50	0.33	1000	4×5.3	10×10	Silver	32	
	RVF	Chip Type (SILMIC)	-40	+85	2000	10	50	1	100	4×5.3	8×10	Silver	32	
	RVM	Chip Type 105°C , 2000h	-55	+105	2000	6.3	50	1	470	4×5.8	10×10.5	Silver	32	
	RVG	Chip Type	-40	+85	2000	6.3	35	3.3	470	4×5.3	10×10	Silver	32	
	RFS	High Grade (SILMIC II)	-40	+85	1000	6.3	100	3.3	3300	5×11	18×40	Brown	04	
	ROS	High Grade (SILMIC)	-40	+85	1000	16	100	10	2200	6.3×11	18×40	Brown	04	
	ROB	Miniaturized Standard (TONEREX)	-40	+85	1000	6.3	100	1	10000	5×11	18×40	Black	04	
	RFO	Standard (PURECAP)	-40	+85	1000	6.3	100	1	15000	5×11	18×35.5	Black	04	
	RA3	Miniaturized Standard	-40	+85	2000	6.3	100	1	22000	5×11	18×35.5	Brown	04	
	RW5	105°C , Miniaturized	-55	+105	1000	16	25	100	15000	5×11.5	18×40	Black	04	
	RBD	Miniaturized Bipolar	-40	+85	2000	6.3	100	1	4700	5×11	18×35.5	Black	04	
	LAO	For Audio, Higher Capacitance	-40	+85	1000	16	100	680	10000	22×20	35×50	Black	692	

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