

■ Type List for Aluminum Electrolytic Capacitors

★ : New series
☆ : Upgrade

● Conductive Polymer Hybrid 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.			
Hybrid	HV1	105 deg C, low ESR, long life, chip type	-55	+105	10000		6.3	100	10	820	5×5.8	12.5×13.5	Silver	32	☆
	HT1	105 deg C, low ESR, long life, chip type, vibration resistance	-55	+105	10000		6.3	100	10	820	6.3×5.8	12.5×13.5	Silver	32	☆
	HVK	125 deg C, low ESR, long life, chip type	-55	+125	4000	6000	6.3	100	10	820	5×5.8	12.5×13.5	Silver	32	☆
	HTK	125 deg C, low ESR, long life, chip type, vibration resistance	-55	+125	4000	6000	6.3	100	10	820	6.3×5.8	12.5×13.5	Silver	32	☆
	HVL	125 deg C, low ESR, long life, chip type	-55	+125	8000		25	63	33	1000	8×10	12.5×13.5	Silver	32	★
	HTL	125 deg C, low ESR, long life, chip type, vibration resistance	-55	+125	8000		25	63	33	1000	8×10	12.5×13.5	Silver	32	★
	HVX	135 deg C, low ESR, chip type	-55	+135	2000	4000	16	63	10	560	6.3×5.8	10×12.5	Silver	32	
	HTX	135 deg C, low ESR, chip type, vibration resistance	-55	+135	2000	4000	16	63	10	560	6.3×5.8	10×12.5	Silver	32	
	HVQ	150 deg C, high temperature, low ESR, chip type	-55	+150	1000		16	63	33	470	8×10	10×10	Silver	32	
	HTQ	150 deg C, high temperature, low ESR, chip type, vibration resistance	-55	+150	1000		16	63	33	470	8×10	10×10	Silver	32	
	HVY	150 deg C, high temperature, low ESR, chip type	-55	+150	2000		16	63	33	470	8×10	10×10	Silver	32	★
	HTY	150 deg C, high temperature, low ESR, chip type, vibration resistance	-55	+150	2000		16	63	33	470	8×10	10×10	Silver	32	★
	BR1	105 deg C, low ESR, long life, lead terminal type	-55	+105	10000		25	100	15	560	10×10	10×12.5	Silver	04	
	BRK	125 deg C, low ESR, long life, lead terminal type	-55	+125	4000	6000	25	100	15	560	10×10	10×12.5	Silver	04	

● Some of the series listed in the below table have been removed from the catalogue (discontinued series).
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 recomend
			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	—
	PVX	Ultra Low ESR Conductive Polymer Chip	-55	+105	2000		2.5	10	100	1200	5×5.7	6.3×5.7	—
	PVM	Super Low ESR Conductive Polymer Chip	-55	+105	2000		2.5	16	33	1200	5×5.7	6.3×5.7	—
	PVK	Super Low ESR, High Temp. Conductive Polymer Chip	-55	+125	1000		2.5	16	33	1000	6.3×5.7		—

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.