

## ALUMINIUM ELECTROLYTIC CAPACITORS

### Standardization

Some of the series listed below have been removed from the catalog.  
On designing, please select from the new series for your applications.

Type	Contents	Obsolete Type • Series	New Type • Series	Page		
Chip Type	<ul style="list-style-type: none"> <li>• 3.0mmL, Ultra-Smaller-Sized</li> <li>• 3.95mmL MAX. Bi-Polarized</li> <li>• 4.5mmL, Bi-Polarized</li> <li>• Long Life Assurance</li> <li>• Low Impedance(Low ESR)</li> <li>• For Audio Equipment</li> <li>• High Reliability, Higher Capacitance Range</li> <li>• High C/V</li> </ul>	UZD →	UZR	108		
		UZE →	UWP	120		
		UZP →	UWP	120		
		UUU →	UUL	128		
		UUU →	PCF(Polymer)	38		
		UUK →	UUQ	281		
		UUH →	UUE	168		
		UWS →	UUR	156		
		Miniature Type	<ul style="list-style-type: none"> <li>• 5mmL, Long Life Assurance</li> <li>• 7mmL, Long Life Assurance</li> <li>• Standard type</li> <li>• Compact &amp; Standard For General Purposes</li> <li>• Low profile Sized, Wide Temperature Range</li> <li>• 12.5mmL height</li> <li>• Bi-Polarized, Wide Temperature Range</li> <li>• Miniature Sized, High Ripple Current, High Reliability(105°C 5000h)</li> <li>• Low Impedance, For Switching Power Supplies</li> <li>• Miniature Sized,Low Impedance, For Switching Power Supplies</li> <li>• Low Impedance, High Reliability</li> <li>• Standard, For Switching Power Supplies</li> <li>• Low Impedance, High Reliability</li> <li>• Extremely Low Impedance, High Reliability</li> <li>• Miniature Sized, Low Impedance, High Reliability</li> <li>• Miniature Sized, For Switching Power Supplies</li> <li>• High Temperature Range, For +125°C use</li> <li>• Timer Circuit Use</li> <li>• Memory Back-Up Use</li> <li>• High Grade Type, For Audio Equipment</li> <li>• For General Audio Equipment</li> <li>• For Speaker Network</li> <li>• 5mmL, For Audio Equipment</li> <li>• 7mmL, For Audio Equipment</li> </ul>	UMQ →	UMV	174
				USQ →	USV	178
UVX →	UVR			182		
UVS →	URS			190		
URT →	URZ			192		
URU →	URZ			192		
UET →	UEP			199		
UPB →	※ 1			—		
UPD →	UPM			200		
UPE →	UPW			207		
UPF →	UPJ			231		
UPR →	UPS			238		
UPY →	UPW			207		
UPL →	UPM			200		
UPQ →	UPV			240		
UTS →	UTT			212		
UBD →	UBT			256		
UTM →	※ 1			—		
UJB →	※ 1			—		
UFA • UFS →	UFG			273		
UFM • UFX →	UFW			277		
UGB →	※ 1			—		
UMC →	UMW			280		
USK →	USW			279		
Large Can Type	<ul style="list-style-type: none"> <li>• Snap-in Terminal Type, Standard</li> <li>• Snap-in Terminal Type, Miniature Sized</li> <li>• Horizontal Mounting Type</li> <li>• Snap-in Terminal Type, Wide Temperature Range</li> <li>• Snap-in Terminal Type, Low-Profile Sized, Wide Temperature Range</li> <li>• Snap-in Terminal Type, Long Life, Wide Temperature Range</li> <li>• Wide Temperature Range, Horizontal Mounting Type</li> <li>• Wide Temperature Range, High CV</li> <li>• Screw Terminal Type, Standard</li> <li>• Screw Terminal Type, 85°C High Voltage, For General Inverter</li> <li>• Lug/Snap-in Terminal Type, For Audio Equipment</li> </ul>			LLQ • LLU →	LLS	287
				LLN →	LLG	292
				LDM →	※ 2	—
				LGQ →	LGU	295
		LGE →	LGJ, LGJ (15)	310,312		
		LGJ(160 to 450V) →	LGR	317		
		LDQ →	※ 2	—		
		LGK-HH →	※ 3	—		
		LNR (350 to 450V) →	LNK	341		
		LNW →	LNK	350		
		LGS →	LKG	359		

※ 1 Please contact us for details.

※ 2 Please contact us if you need horizontal mounting type. (Refer to page 334) Please have schematic of dimensions for lead bend.

※ 3 Please contact us if you need multi-terminal-shape. (Refer to page 335) Please have schematic of dimensions for lead bend.

### Matrix for major series

Conductive Polymer Aluminum Solid Electrolytic Capacitors※ (Type:P)

Configuration \ Feature	Standard	Low ESR	High Capacitance	Long Life / High Reliability	High Voltage / LongLife	High Voltage / High Reliability	High Capacitance Long Life
Chip type	PCF	PCJ, PCK	PCG	PCS	PCV	PCX	PCR
Radial Lead type	PLF	PLE	PLG	PLS	PLV	PLX	—

※ Please contact us about the FPCAP.

Miniature Aluminium Electrolytic Capacitors (Type:U)

Configuration \ Feature	Standard (High C / V)	Bi-polarized	Low leakage current	Wide temperature range	For Audio equipment	Low impedance	Long life (5000h)
Standard type	UVR • UVK	UVP	UKL	UVZ • UVY	UFW	UPA • UPW	UTT
Low Profile	URS	—	—	URZ	—	—	—
7mmL type	USA, USR	USP	—	UST	USW	USF	USV
5mmL type	UMA	UMP	—	UMT	UMW	UMF	UMV
Chip type	UZS, UWX, UUR, UUG	UWP, UUN	—	UZT, UWT	UUQ, UCQ	UUD, UCD	UUL, UUU

Large Can Aluminum Electrolytic Capacitors (Type:L)

Configuration \ Feature	85°C Product		105°C Product		
	Standard type	Miniature type	Standard type	Miniature type	Long Life
Standard type	LLS	LLG	LGU • LGN	LGG • LGL • LGM	LGJ • LGX • LGR
Low Profile	—	—	LGJ	LGJ (15)	—
Permissible abnormal voltage type	—	—	LAK	LAQ • LAS	—