

## 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 Series	New Series	Page
Chip Type	<ul style="list-style-type: none"> <li>• Long Life Assurance</li> <li>• Low Impedance(Low ESR)</li> <li>• For Audio Equipment</li> <li>• High Reliability, Higher Capacitance Range</li> </ul>	UV →	UL CF(Polymer) UQ UE	124
		UU →		31
		UK →		275
		UH →		164
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>• 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>	MQ →	MV	170
		SQ →	SV	174
		VX →	VR	178
		VS →	RS	186
		RT →	RZ	188
		ET →	EP	197
		PB →	* 1	—
		PD →	PM	198
		PE →	PW	205
		PF →	PJ	227
		PR →	PS	234
		PY →	PW	205
		PL →	PM	198
		PQ →	PV	236
		TS →	TT	210
		BD →	BT	254
		TM →	* 1	—
		JB →	* 1	—
		FA • FS →	FG	267
		FM • FX →	FW	271
		GB →	* 1	—
MC →	MW	274		
SK →	SW	273		
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>	LQ • LU →	LS	280
		LN →	LG	285
		DM →	* 2	—
		GQ →	GU	288
		GE →	GJ,GJ <sup>(15)</sup>	302,304
		GY(160 to 450V) →	GR	309
		DQ →	* 2	—
		GK-HH →	* 3	—
		NR (350 to 450V) →	NX	333
		NW →	NY	342
		GS →	KG	351

\* 1 Please contact us for details.

\* 2 Please contact us if you need horizontal mounting type. (Refer to page 326) Please have schematic of dimensions for lead bend.

\* 3 Please contact us if you need multi-terminal-shape. (Refer to page 327) 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	CF	CJ, CK	CG	CS	CV	CX	CR
Radial Lead type	LF	LE	LG	LS	LV	LX	—

\* 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	VR • VK	VP	KL	VZ • VY	FW	PA • PW	TT
Low Profile	RS	—	—	RZ	—	—	—
7mmL type	SA, SR	SP	—	ST	SW	SF	SV
5mmL type	MA	MP	—	MT	MW	MF	MV
Chip type	ZS, WX, UR, UG	ZP, WP, UN	—	ZT, WT	UQ	UD, CD	UL, UJ

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	LS	LG	GU • GN	GG • GL	GY • GX • GR
Low Profile	—	—	GJ	GJ <sup>(15)</sup>	—
Permissible abnormal voltage type	—	—	AK	AQ • AS	—