

## 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>• Chip, Long Life Assurance</li> <li>• Chip, Low Impedance(Low ESR)</li> <li>• Chip, For Audio Equipment</li> </ul>	UV →	UL	84
		UU →	CF(Polymer)	27
		UK →	UQ	226
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>• 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>• High Temperature Range, For +125°C use</li> <li>• High Grade Type, For Audio Equipment</li> <li>• For General Audio Equipment</li> <li>• 5mmL, For Audio Equipment</li> <li>• 7mmL, For Audio Equipment</li> </ul>	MQ →	MV	123
		SQ →	SV	127
		VX →	VR	132
		VS →	RS	140
		RT →	RZ	142
		ET →	EP	129
		PD →	PM	150
		PE →	PW	157
		PF →	PJ	179
		PR →	PS	186
		PY →	PW	157
		PL →	PM	150
		PQ →	PV	190
		BD →	BT	206
		FA • FS →	FG	220
		FM • FX →	FW	222
		MC →	MW	225
SK →	SW	224		
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	231
		LN →	LG	236
		DM →	※ 1	—
		GQ →	GU	239
		GE →	GJ,GJ <sup>(15)</sup>	250,252
		GY(160 to 450V) →	GR	260
		DQ →	※ 1	—
		GK-HH →	※ 2	—
		NR (350 to 450V) →	NX	279
		NW →	NY	288
		GS →	KG	296

※ 1 Please contact us if you need horizontal mounting type. (Refer to page 274) Please have schematic of dimensions for lead bend.

※ 2 Please contact us if you need multi-terminal-shape. (Refer to page 274) 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
Chip type	<b>CF</b>	<b>CJ, CK</b>	<b>CG</b>	<b>CS</b>	<b>CV</b>	<b>CX</b>
Radial Lead type	<b>LF</b>	<b>LE</b>	<b>LG</b>	<b>LS</b>	<b>LV</b>	<b>LX</b>

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

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