

# ALUMINUM ELECTROLYTIC CAPACITORS



## PART NUMBER SYSTEM ( I )

### ◆ RADIAL LEAD TYPE

Series	Rated Voltage	Capacitance	Tolerance	Lead Forming Type	Lead Length	Case Dimension	Special Request
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
□ □	□ □	□ □ □	□	□	□	□ □ □ □	□ □ □ □

### (1) Series

Series	SM	PS	PF	PW	PZ	PA	PQ	PC	PV	PJ	LK	NP
	PY	LM	LS	LF	LL	EM	ER	ES	EL	EA	EB	ED
	EK	EP	EC	EH	EJ	EV	EG	EY	SS	SS-H	SB	SB-H
	SF	SV	ND	ND-H	BP	LB	LB-H					

### (2) Rated Voltage

Code	1C	1E	1F	1V	1H	1J	1K	2A	2C	2Z	2D	2P	2E	2V	2G	2S	2W	2H
WV	16	25	30	35	50	63	80	100	160	180	200	220	250	350	400	420	450	500

### (3) Capacitance

Code	R10	R47	010	4R7	100	470	101	471	102	472	473
μF	0.1	0.47	1.0	4.7	10	47	100	470	1000	4700	47000

### (4) Capacitance Tolerance

Code	J	Q	R	K	V	M	H
%	±5	+30/-10	+20/-0	±10	+20/-10	±20	+20/-5

### (5) Lead Forming Type

Code	C	B	D	F	H	L	T	R	S	G	E	P
Description	Cutting	Kink & Cutting	Forming & Cutting									Taping
Drawing	Fig 1	Fig 2	Fig 3	Fig 4	Fig 5	Fig 6	Fig 7	Fig 8	Fig 9	Fig 10	Fig 11	Fig 12

### (6) Lead Length

Code	Z	2	B	E	G	M	3	T	C	D	4	5	6
Length	2.0	2.5	2.8	3.1	3.3	3.5	3.5	3.8	3.8	4.0	4.5	5.0	6.3
Tolerance	+0.3/-0.2						±0.5	±0.3	±0.5				
Code	7	I	8	J	9	K	A	L	F	H	Q	S	---
Length	7.0	7.5	8.0	8.5	9.0	9.5	10	10.5	14.8	12	23	26	---
Tolerance	±0.5							±0.3	±1.0		---		

### (7) Case Dimension

Code	0407	0511	6311	0812	1016	1225	1636	1840
Size	04x07	05x11	6.3x11	08x12	10x16	12.5x25	16x36	18x40

### (8) Special Request

Code	R	F	L	D
Description	High Rated ripple current	Endurance	Low Leakage Current	Low Dissipation Factor
Code	H	E	P	---
Description	High Temperature	Low Impedance & ESR	PET Sleeve	---

# ALUMINUM ELECTROLYTIC CAPACITORS



## PART NUMBER SYSTEM ( II )

### ◆ SNAP-IN TYPE

Series	Rated Voltage	Capacitance	Tolerance	Lead Forming Type	Lead Length	Case Dimension	Special Request
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
□ □	□ □	□ □ □	□	□	□	□ □ □ □	□ □ □ □

### (1) Series

Series	GM	GR	GS	GD	GH	PX	PM	PL	PO	PI	PK
	PT	PD	PG	PH							

### (2) Rated Voltage

Code	1C	1E	1F	1V	1H	1J	1K	2A	2C	2Z	2D	2P	2E	2V	2G	2S	2W	2H
WV	16	25	30	35	50	63	80	100	160	180	200	220	250	350	400	420	450	500

### (3) Capacitance

Code	470	101	471	102	472	473	683
μF	47	100	470	1000	4700	47000	68000

### (4) Capacitance Tolerance

Code	J	Q	R	K	V	M	H
%	±5	+30/-10	+20/-0	±10	+20/-10	±20	+20/-5

### (5) Lead Forming Type

Code	K	N	R
Description	Four Terminals	Snap-in Terminal	Forming & Cutting

### (6) Lead Length

Code	D	4	N	6
Length	4.0	4.5	5.5	6.3
Tolerance	±0.5	±0.5	±0.5	±1.0

### (7) Case Dimension

Code	2225	2531	2545	2551	3035	3541	3551
Size	22 x 25	25 x 31	25 x 45	25 x 51	30 x 35	35 x 41	35 x 51

### (8) Special Request

Code	R	F	L	D
Description	High Rated ripple current	Endurance	Low Leakage Current	Low Dissipation Factor
Code	H	E	P	---
Description	High Temperature	Low Impedance & ESR	PET Sleeve	---

# ALUMINUM ELECTROLYTIC CAPACITORS



## PART NUMBER SYSTEM ( III )

### ◆ SPECIAL TYPE

Series	Rated Voltage	Capacitance	Tolerance	Terminal Forming Type	Case Dimension	Special Request
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

### (1) Series

Series	AQ	AN	SC	SA	SK	SX	GA	GL

### (2) Rated Voltage

Code	1C	1E	1F	1V	1H	1J	1K	2A	2C	2Z	2D	2P	2E	2V	2G	2S	2W	2H
WV	16	25	30	35	50	63	80	100	160	180	200	220	250	350	400	420	450	500

### (3) Capacitance

Code	R10	R47	010	4R7	100	470	101	471	102	472	473
μF	0.1	0.47	1.0	4.7	10	47	100	470	1000	4700	47000

### (4) Capacitance Tolerance

Code	J	Q	R	K	V	M	H
%	±5	+30/-10	+20/-0	±10	+20/-10	±20	+20/-5

### (5) Terminal Forming Type

Code	AC	HU	LS	CA	CL
Description	Two Parts of Terminals	Two Vertical Terminals	Two Screw Terminals	Snap-in Terminal	Lug Terminal

### (6) Case Dimension

Code	3535	4095	40A5	50A5	50C0	63A0	63B0	90F0	90H0	90J0	90N0
Size	35x35	40x95	40x105	50x105	50x120	63x100	63x110	90x150	90x170	90x190	90x230

### (7) Special Request

Code	R	F	L	D
Description	High Rated ripple current	Endurance	Low Leakage Current	Low Dissipation Factor
Code	H	E	P	---
Description	High Temperature	Low Impedance & ESR	PET Sleeve	---