

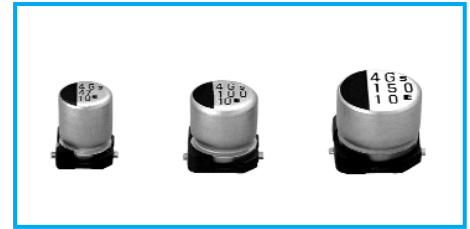
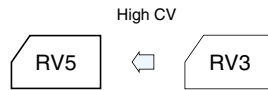
Chip Type Large Capacitance Capacitors

GREEN CAP

SMD

Anti-cleaning solvent

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guarantees 2000 hours at 85°C.



Marking color : Black print (ø3x5.3L – ø8x10L)
White print on a brown sleeve (ø10x10L)

Specifications

Item	Performance										
Category temperature range (°C)	-40 to +85										
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)										
Leakage current (µA)	Less than 0.01CV or 3 whichever is larger(after 2 minutes) C: Rated capacitance(µF); V: Rated voltage(V) (20°C)										
Tangent of loss angle (tanδ)	Rated voltage (V)	6.3	10	16	25	35	50	63	100		
	tanδ (max.)	0.35	0.32	0.28	0.18	0.14	0.12	0.12	0.12	(20°C, 120Hz)	
Characteristics at high and low temperature	Impedance ratio (max.)	Rated voltage (V)		6.3	10	16	25	35	50	63	100
		Z-25°C / Z+20°C	4	3	2	2	2	2	2	2	(120Hz)
		Z-40°C / Z+20°C	10	8	6	4	3	3	3	3	
Endurance (85°C) (Applied ripple current)	Test time		2000 hours (ø 3:1000 hours)								
	Leakage current		The initial specified value or less								
	Percentage of capacitance change		Within ±30% of initial value								
	Tangent of the loss angle		300% or less of the initial specified value								
Shelf life (85°C)	Test time : 1000 hours; other items are the same as those for the endurance. Voltage application treatment : According to JIS C5101-1										
Applicable standards	JIS C5101-1, -18 1998 (IEC 60384-1 1992, -18 1993)										

Outline Drawing

Unit: mm

() : Reference size

φ D	L	A	B	C	W	P	Casing symbol
3	5.3±0.2	3.3	3.3	1.5	0.45 to 0.75	0.8	B55
4	5.3±0.2	4.3	4.3	2.0	0.5 to 0.8	1.0	D55
5	5.3±0.2	5.3	5.3	2.3	0.5 to 0.8	1.5	E55
6.3	5.3±0.2	6.3	6.3	2.7	0.5 to 0.8	2.0	F55
6.3	7.7±0.3	6.6	6.6	2.7	0.5 to 0.8	2.0	F80
8	6.5±0.3	8.4	8.4	3.4	0.5 to 0.8	2.3	G68
8	10±0.5	8.4	8.4	3.0	0.7 to 1.1	3.1	G10
10	10±0.5	10.4	10.4	3.3	0.7 to 1.1	4.7	H10

Coefficient of Frequency for Rated Ripple Current

Rated voltage(V)	Frequency(Hz)			
	50 · 60	120	1k	10k · 100k
6.3 to 16	0.80	1	1.15	1.25
25 to 35	0.80	1	1.25	1.40
50 to 63	0.80	1	1.35	1.50
100	0.70	1	1.35	1.50

Part numbering system (example: 16V470µF)

RV5	—	16	V	471	M	G10	□	U	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol		Taping symbol

- Land pattern size is described on page 10.
- The taping specifications are described on page 11.
- Soldering conditions are described on page 28.

• The standard ratings are described on the next page.

NOTE

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/c

Standard Ratings

Rated voltage (V)	Item	6.3			10			16			25			35			50			63			100			
		Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	Case ø D(mm)	Casing symbol	Rated ripple current mA	
2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	3x5.3	B55	18	3x5.3	B55	16	4x5.3	D55	24	5x5.3	E55	30	6.3x5.3	F55	32	—	—	—	—	
22	3x5.3	B55	21	3x5.3	B55	20	—	—	—	4x5.3	D55	24	5x5.3	E55	41	6.3x5.3	F55	47	6.3x7.7	F80	60	—	—	—	—	
							8x6.5	G68	62																	
33	—	—	—	—	—	—	4x5.3	D55	32	5x5.3	E55	47	—	—	—	8x6.5	G68	83	—	—	—	8x10	G10	94	—	
47	4x5.3	D55	34	4x5.3	D55	33	5x5.3	E55	52	—	—	—	6.3x5.3	F55	54	6.3x7.7	F80	85	8x10	G10	139	10x10	H10	189	—	
100	5x5.3	E55	55	5x5.3	E55	54	6.3x5.3	F55	70	6.3x7.7	F80	120	—	—	—	6.3x7.7	F80	120	8x10	G10	252	10x10	H10	226	—	
										8x6.5	G68	118														
150	—	—	—	6.3x5.3	F55	79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
220	6.3x5.3	F55	88	6.3x7.7	F80	173	6.3x7.7	F80	162	—	—	—	8x10	G10	260	—	—	—	—	—	—	—	—	—	—	
				8x6.5	G68	175																				
330	6.3x7.7	F80	188	—	—	—	—	—	—	8x10	G10	300	10x10	H10	360	—	—	—	—	—	—	—	—	—	—	
	8x6.5	G68	190																							
470	—	—	—	8x10	G10	310	8x10	G10	307	10x10	H10	400	—	—	—	—	—	—	—	—	—	—	—	—	—	
680	—	—	—	—	—	—	10x10	H10	380	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
820	8x10	G10	320	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1000	—	—	—	10x10	H10	454	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1500	10x10	H10	489	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

(Note) Rated ripple current : 85°C, 120Hz

单击下面可查看定价，库存，交付和生命周期等信息

[>>ELNA\(伊娜\)](#)