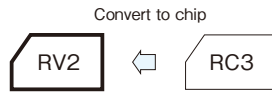


ChipType Standard Capacitors (height:5.5mm)

GREEN CAP SMD Anti-cleaning solvent

- Compatible with surface mounting for 5.5mm high capacitors.
- Supplied with carrier taping.
- Guarantees 2000 hours at 85°C.

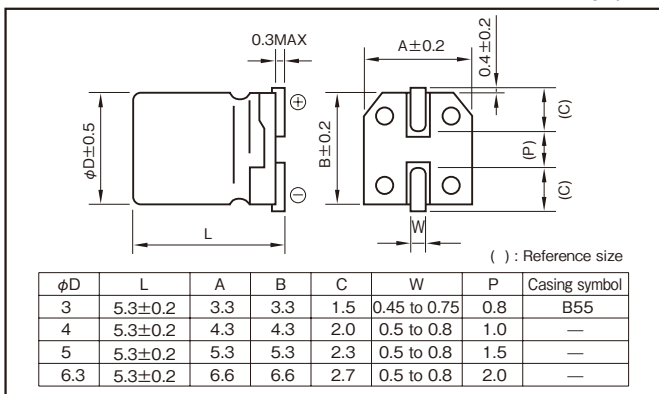


Marking color : Black print

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)	
	tanδ (max.)	
Characteristics at high and low temperature	Rated voltage (V)	
	Impedance ratio (max.)	φ3
		φ4 to φ6.3
	φ3	Z-25°C/Z+20°C
Z-40°C/Z+20°C		
φ4 to φ6.3	Z-25°C/Z+20°C	
	Z-40°C/Z+20°C	
Endurance (85°C) (Applied ripple current)	Test time	
	Leakage current	
	Percentage of capacitance change	
	Tangent of the loss angle	
Shelf life (85°C)	Test time : 1000hours ; other items are the same as those for the endurance. Voltage application treatment : According to JIS C5101-1	
Applicable standards	JIS C5101-1 1998, -18 1999 (IEC 60384-1 1992, -18 1993)	

Outline Drawing



Coefficient of Frequency for Rated Ripple Current

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

Part numbering system

• φ3 (example : 16V10µF)

RV2 — 16 V 100 M B55 □ U — □

Series code Rated voltage symbol Rated capacitance symbol Capacitance tolerance symbol Casing symbol Additional symbol Taping symbol

• φ4 to φ6.3 (example : 16V47µF)

RV2 — 16 V 470 M □ U — □

Series code Rated voltage symbol Rated capacitance symbol Capacitance tolerance symbol Additional symbol Taping symbol

- Soldering conditions are described on page 11. • Land pattern size are described on page 12.
- The taping specifications are described on page 13.

Standard Ratings

Rated capacitance (µF)	Item	4				6.3				10				16				25				35				50			
		Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms	Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms	Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms	Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms	Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms	Case φD (mm)	Casing symbol	ESR Ω	Rated ripple current mArms				
0.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
22	3	B55	32	14	4	—	21	31	5	—	18	39	4	—	33	26	6.3	—	11	55	6.3	—	9.1	59	—	—	—	—	
33	4	—	21	31	5	—	14	44	5	—	12	48	6.3	—	10	63	6.3	—	7.0	67	—	—	—	—	—	—	—	—	
47	4	—	15	37	5	—	10	52	6.3	—	8.5	67	6.3	—	7.1	75	—	—	—	—	—	—	—	—	—	—	—	—	
100	5	—	7.0	63	6.3	—	5.0	89	6.3	—	4.0	98	6.3	—	3.3	103	—	—	—	—	—	—	—	—	—	—	—	—	
220	6.3	—	3.2	110	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

(Note) Rated ripple current : 85°C, 120Hz ; ESR : 20°C, 120Hz

NOTE

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