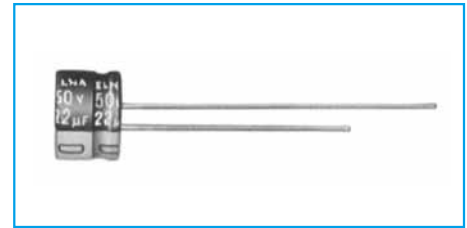


5mm L, Standard Capacitors

GREEN
CAP

• Diameters from $\phi 3$ to $\phi 8$ mm and a height of 5mm.



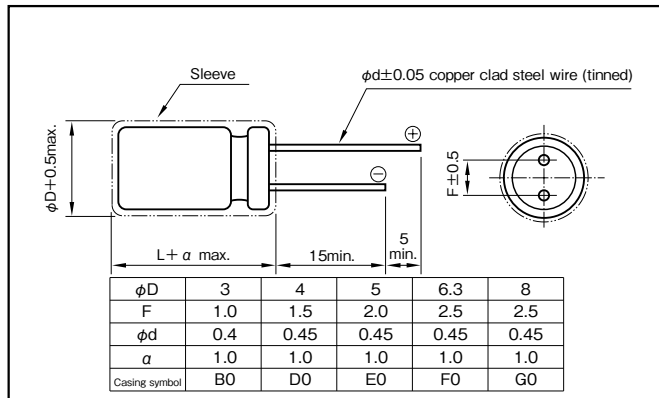
Marking color : White print on a blue sleeve ($\phi 3$: black sleeve)

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)		4	6.3	10	16	25	35	50
	tanδ (max.)	φ3 to φ6.3	0.35	0.24	0.20	0.16	0.14	0.12	0.10
		φ8	0.39	0.28	0.24	0.16	0.14	0.12	0.10
Characteristics at high and low temperature	Rated voltage (V)		4	6.3	10	16	25	35	50
	Impedance ratio (max.)	Z-25°C/Z+20°C	6	4	3	2	2	2	2
		Z-40°C/Z+20°C	16	10	8	6	4	4	4
Endurance (85°C) (Applied ripple current)	Test time		1000 hours						
	Leakage current		The initial specified value or less						
	Percentage of capacitance change		Within ±20% of initial value						
	Tangent of the loss angle		200% 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, -4 1998 (IEC 60384-1 1992, -4 1985)								

Outline Drawing

Unit : mm



Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	50 · 60	120	1k	10k · 100k
Rated voltage (V)				
4 to 16	0.8	1	1.1	1.2
25 to 35	0.8	1	1.5	1.7
50	0.8	1	1.6	1.9

Part numbering system (example : 6.3V100 μF)

RC3	—	6	V	101	M	F0	#	*	—	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Additional symbol			Taping (Forming) symbol

*Should add "2", when size is $\phi 3 \times 5L$.

Standard Ratings

Rated capacitance (μF)	Item	4		6.3		10		16		25		35		50	
		Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)	Case φD×L (mm)	Rated ripple current (mA rms)
0.22		—	—	—	—	—	—	—	—	—	—	—	—	3×5	4
0.33		—	—	—	—	—	—	—	—	—	—	—	—	3×5	5
														4×5	6
0.47		—	—	—	—	—	—	—	—	—	—	—	3×5	6	
													4×5	7	
1		—	—	—	—	—	—	—	—	—	—	—	3×5	8	
													4×5	10	
2.2		—	—	—	—	—	—	—	—	—	3×5	11	4×5	15	
											4×5	14			
3.3		—	—	—	—	—	—	—	3×5	13	4×5	17	4×5	18	
									4×5	15					
4.7		—	—	—	—	—	3×5	14	4×5	18	4×5	20	5×5	25	
							4×5	17							
10		—	—	3×5	17	4×5	22	4×5	25	5×5	30	5×5	30	6.3×5	40
				4×5	20										
22		3×5	21	4×5	30	5×5	35	5×5	40	6.3×5	50	6.3×5	55	8×5	75
		4×5	25												
33		4×5	30	5×5	40	5×5	45	6.3×5	60	6.3×5	65	8×5	80	8×5	90
47		4×5	35	5×5	50	6.3×5	65	6.3×5	70	8×5	95	8×5	100	—	—
100		5×5	60	6.3×5	85	6.3×5	95	8×5	125	8×5	135	—	—	—	—
220		6.3×5	105	8×5	145	8×5	155	—	—	—	—	—	—	—	—
330		8×5	150	8×5	175	—	—	—	—	—	—	—	—	—	—
470		8×5	180	—	—	—	—	—	—	—	—	—	—	—	—