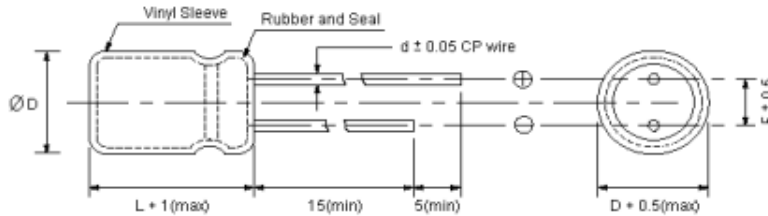


■ **FEATURES**

- ◆ 7mm height to meet the requirement of smaller, thinner electronic products
- ◆ Applications for VTR, calculators, micro video and audio products, etc.



■ **OUTLINE**



	mm			
D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45		0.50	

■ **SPECIFICATIONS**

Items	Characteristics									
Capacitance Tolerance (120Hz, 25°C)	± 20% (M)									
Rated Working Voltage Range	4 ~ 63Vdc									
Operation Temperature	-40°C ~ +85°C									
Leakage Current (25°C)	(After 2 minutes applying the Dc working voltage)									
	$I \leq 0.01CV$ or 3 (μA)									
	◆ I : Leakage Current (μA)			◆ C : Rated Capacitance (μF)				◆ V : Working Voltage (V)		
Surge Voltage (25°C)	W.V.	4	6.3	10	16	25	35	50	63	
	S.V.	5	8	13	20	32	44	63	79	
Dissipation Factor (120Hz, 25°C)	W.V.	4	6.3	10	16	25	35	50	63	
	$\tan \delta$	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10	
Temperature Characteristics	W.V.	4	6.3	10	16	25	35	50	63	
	- 25°C / + 25°C	7	4	3	2	2	2	2	2	
	- 40°C / + 25°C	15	8	6	4	4	3	3	3	
◆ Impedance ratio at 120Hz										
Load Test	After 1000 hours application of WV at +85°C, the capacitor shall meet the following limits:									
	Capacitance Change	$\leq \pm 20\%$ of initial value								
	$\tan \delta$	$\leq 200\%$ of initial specified value								
Shelf Test	After 500 hours, no voltage applied at + 85°C, the capacitor shall meet the following limits:									
	Capacitance Change	$\leq \pm 20\%$ of initial value								
	$\tan \delta$	$\leq 200\%$ of initial specified value								
Leakage Current	$\leq 200\%$ of initial specified value									

■ DIMENSIONS

D x L (mm)

uF \ WV	4	6.3	10	16	25	35	50	63
0.1						]	4 x 7	4 x 7
0.22						]	4 x 7	4 x 7
0.33						]	4 x 7	4 x 7
0.47						]	4 x 7	4 x 7
1						]	4 x 7	4 x 7
2.2						]	4 x 7	4 x 7
3.3						]	4 x 7	4 x 7
4.7						]	4 x 7	4 x 7
10			]	4 x 7	4 x 7	4 x 7	5 x 7	5 x 7
22		]	4 x 7	4 x 7	5 x 7	5 x 7	6.3 x 7	6.3 x 7
33		]	4 x 7	4 x 7	5 x 7	6.3 x 7	8 x 7	
47		]	4 x 7	5 x 7	6.3 x 7	6.3 x 7		
100	5 x 7	5 x 7	5 x 7	6.3 x 7	6.3 x 7			
220	6.3 x 7	6.3 x 7	6.3 x 7	8 x 7				
330	6.3 x 7	8 x 7	8 x 7					
470	8 x 7	8 x 7						

■ PERMISSIBLE RIPPLE CURRENT

mA (rms) at 120Hz 85°C

uF \ WV	4	6.3	10	16	25	35	50	63
0.1						]	3	4
0.22						]	3	4
0.33						]	5	6
0.47						]	6	7
1						]	10	12
2.2						]	18	20
3.3						]	22	25
4.7						]	27	31
10			]	28	31	34	42	47
22		]	36	42	48	54	58	83
33		]	45	54	60	69	95	
47		]	56	65	86	91		
100	60	73	80	93	102			
220	112	135	145	170				
330	128	150	184					
470	155	190						