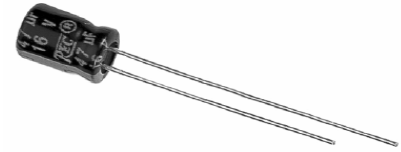


RoHS Compliant ALUMINIUM ELECTROLYTIC CAPACITOR

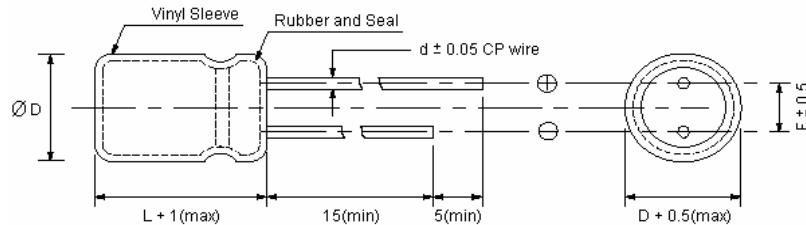
SS Series

■ **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 ≤ 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 d	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	≤ ± 20% of initial value								
	tan d	≤ 200% of initial specified value								
	Leakage Current	≤ initial specified value								
Shelf Test	After 500 hours, no voltage applied at + 85°C, the capacitor shall meet the following limits.									
	Capacitance Change	≤ ± 20% of initial value								
	tan d	≤ 200% of initial specified value								
	Leakage Current	≤ 200% of initial specified value								



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■ 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						