

SS series

+105°C,5mmL(高)

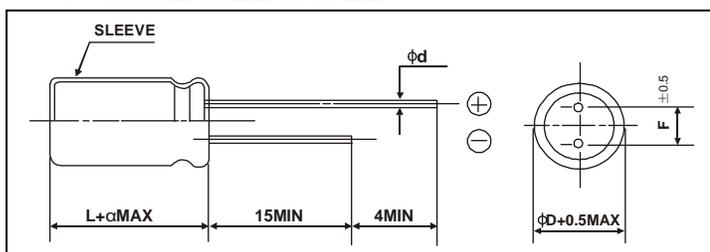
◆ FEATURES

- Designed for space-saving and high density insertion.
- Low price compared to tantulum capacitor.
- Application:VTR,camera,car audiou,mini-audio set,OA related equipment and other Industrial and commercial applications.

◆ SPECIFICATIONS

Items	Characteristics																					
Category Temperature Rance	-40~+105°C																					
Rated Voltage Range	6.3~50V.DC																					
Nominal Capacitance Rance	0.1~330μ F																					
Capacitance Tolerance	±20%(120Hz,+20°C)																					
Leakage Current(MAX)	I=0.01CV or 3(μA) after 2 minutes whichever is greater measured with rated working voltage at 20°C																					
Dissipation Factor(MAX) Tanδ (20°C,120Hz)	<table border="1"> <thead> <tr> <th>Rated Voltage(V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>Tanδ</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table>	Rated Voltage(V)	6.3	10	16	25	35	50	Tanδ	0.24	0.20	0.16	0.14	0.12	0.10							
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Load Life	After applying rated voltage with max ripple current for 1000 hrs at 105°C,the capacitors shall meet the following requirements <table border="1"> <tbody> <tr> <td>Capacitance Change</td> <td>Within ±20% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value</td> </tr> </tbody> </table>	Capacitance Change	Within ±20% of the initial value	Dissipation Factor	Not more than 200% of the specified value	Leakage Current	Not more than the specified value															
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Other	JISC-5141 EIAJ RC-2372																					

◆ CASE SIZE TABLE



φD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
φd	0.45			
α	1.0			

◆ RIPPLE CURRENT MULTIPLIER

Cap(μ F)	Frequency(Hz)				
	50	120	300	1K	10K~
≤47	0.75	1.0	1.35	1.57	2.0
56~330	0.8	1.0	1.23	1.34	1.5

◆ STANDARD RATINGS

Size: $\Phi D \times L$ (mm)

Voltage Code	Cap(μ F)	6.3V		10V		16V		25V		35V		50V	
		OJ		1A		1C		1E		1V		1H	
0.1	104											4×5	1.0
0.22	224											4×5	2.6
0.33	334											4×5	3.2
0.47	474											4×5	3.8
1.0	105											4×5	6.2
2.2	225											4×5	11
3.3	335											4×5	14
4.7	475											4×5	19
10	106					4×5	23	4×5	20	5×5	25	6.3×5	30
22	226	4×5	22	4×5	27	5×5	37	5×5	39	6.3×5	48	8×5	52
33	336	4×5 5×5	26 30	5×5	35	5×5 6.3×5	46 52	6.3×5	45	8×5	62		
47	476	4×5 5×5	30 36	5×5	46	6.3×5	58	6.3×5 8×5	58 70	8×5	80		
100	107	5×5 6.3×5	46 60	6.3×5	80	6.3×5 8×5	86 105	8×5	110				
220	227	6.3×5 8×5	80 110	8×5	135	8×5	135						
330	337	8×5	145										

Maximum Allowable Ripple Current(mA rms) at 105°C 120Hz