

- Load life of 2000 hours at 85°C
- True audio reproduction by the suppression of electrical noise due to external vibration

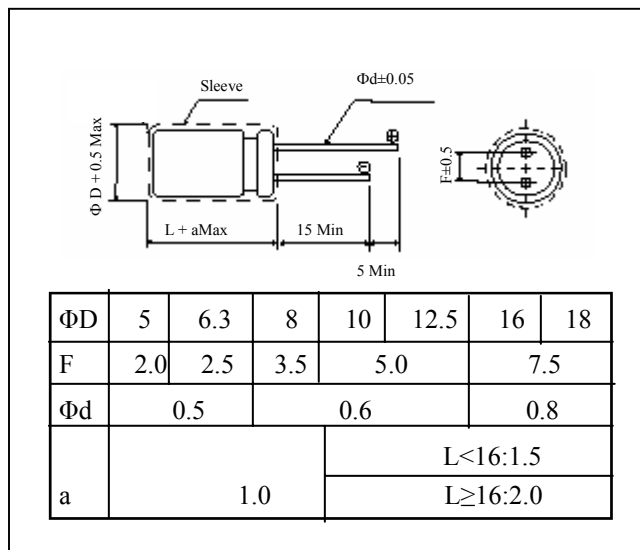


■ SPECIFICATIONS

Item	Characteristics																										
Operating Temperature Range (°C)	-40~+85																										
Rated Voltage Range (V)	6.3~100																										
Capacitance Tolerance (25°C, 120Hz)	±20%																										
Leakage Current (µA)(25°C)	0.001CV or 4 µA whichever is greater (after 2 minutes) C: Nominal Capacitance (µ F), V:Rated Voltage (V)																										
Dissipation Factor (25°C, 120Hz)	<table border="1"> <tr> <td>Wv (v)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>tan δ</td> <td>0.30</td> <td>0.25</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table> <p>When nominal capacitance is over 1000 µ F tan δ shall be added 0.02 to be listed value with increase of every 1000.</p>	Wv (v)	6.3	10	16	25	35	50	63	100	tan δ	0.30	0.25	0.19	0.16	0.14	0.12	0.10	0.10								
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Shelf Life (+85°C)	After leaving capacitors under no load for 1000 hours, they meet the specified value for load life characteristics listed above. After test:(V) to be applied for 30 minutes, 24 to 48 hours before measurement.																										

■ DIMENSIONS

mm



■ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Rated Voltage(V)	Freq(Hz)	CV(µ F.v)					
		50,60	120	1K	10K	100K	
6.3~16	-	0.80	1	1.10	1.20	1.20	
	≤ 1000	0.80	1	1.50	1.70	1.70	
25~35	>1000	0.80	1	1.20	1.30	1.30	
	≤ 1000	0.80	1	1.60	1.90	1.90	
50~100	>1000	0.80	1	1.20	1.30	1.30	
	≤ 1000	0.80	1	1.20	1.30	1.30	

Temperature coefficient

Temperature (° C)	+70	+85
Factor	1.35	1.00

■ STANDARD RATINGS

WV(v) Cap(μ F)	6.3		10		16		25		35		50		63		100	
	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms	Size (mm) ΦDxL	Ripple mArms
0.47	-	-	-	-	-	-	-	-	-	-	5x11	9	-	-	5x11	10
1	-	-	-	-	-	-	-	-	-	-	5x11	14	-	-	5x11	15
2.2	-	-	-	-	-	-	-	-	-	-	5x11	20	-	-	5x11	20
3.3	-	-	-	-	-	-	-	-	-	-	5x11	25	-	-	5x11	25
4.7	-	-	-	-	-	-	-	-	5x11	25	5x11	30	5x11	30	5x11	30
10	-	-	-	-	-	-	-	-	5x11	40	5x11	40	5x11	45	6.3x11	55
22	-	-	-	-	5x11	50	5x11	55	5x11	60	5x11	65	6.3x11	80	8x11.5	95
33	-	-	5x11	55	5x11	60	5x11	70	5x11	75	6.3x11	90	6.3x11	100	10x12.5	140
47	-	-	5x11	65	5x11	75	5x11	80	6.3x11	100	6.3x11	110	8x11.5	140	10x16	180
100	5x11	85	5x11	95	6.3x11	120	6.3x11	140	8x11.5	170	8x11.5	190	10x12.5	250	12.5x20	340
220	6.3x11	150	6.3x11	165	8x11.5	220	8x11.5	240	10x12.5	310	10x16	370	10x20	440	16x25	640
330	6.3x11	180	8x11.5	240	8x11.5	270	10x12.5	350	10x16	420	10x20	490	12.5x20	620	16x25	780
470	8x11.5	260	8x11.5	280	10x12.5	390	10x16	460	10x20	540	12.5x20	670	12.5x25	810	16x31.5	1000
1000	10x12.5	450	10x16	540	10x20	680	12.5x20	850	12.5x25	990	16x25	1250	16x31.5	1500	-	-
2200	12.5x20	890	12.5x20	970	12.5x25	1200	16x25	1500	16x31.5	1750	18x35.5	2100	-	-	-	-
3300	12.5x20	1050	12.5x25	1250	16x25	1600	16x31.5	1900	18x35.5	2250	-	-	-	-	-	-
4700	16x25	1550	16x25	1650	16x31.5	2050	18x35.5	2450	-	-	-	-	-	-	-	-
6800	16x25	1750	16x31.5	2050	18x35.5	2550	-	-	-	-	-	-	-	-	-	-
10000	16x31.5	2150	18x35.5	2550	-	-	-	-	-	-	-	-	-	-	-	-
15000	18x35.5	2700	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Ripple Current 85°C, 120Hz