

- Load life of 1000 hours at 105°C
- Bi-polar

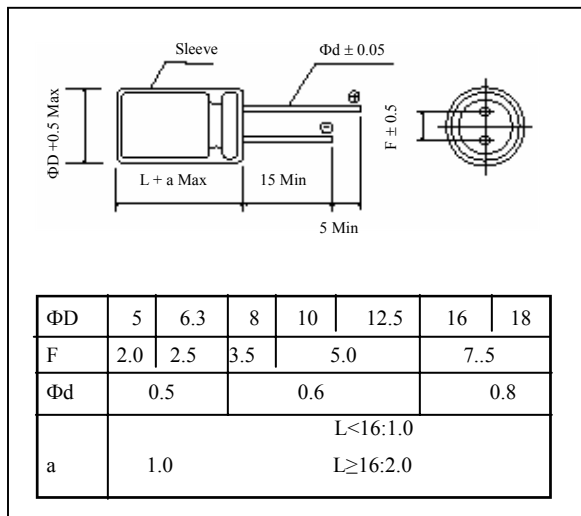


■ SPECIFICATIONS

Item	Characteristics																											
Operating Temperature Range (°C)	-55~+105																											
Rated voltage Range (V)	6.3~100																											
Capacitance Tolerance (25°C,120Hz)	±20%																											
Leakage Current (μA)	0.06 CV or 10 μA, whichever is greater (20°C, after 2 minutes) C:Nominal Capacitance (μF), V:Rated Voltage (V)																											
Dissipation Factor (25°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> <th>63</th> <th>80</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tanδ</td> <td>0.24</td> <td>0.24</td> <td>0.20</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.12</td> <td>0.10</td> </tr> </tbody> </table> <p>When nominal capacitance is over 1000 μF tanδ shall be added 0.02 to the listed value with increase of every 1000 μF</p>	Rated Voltage (V)	6.3	10	16	25	35	50	63	80	100	tanδ	0.24	0.24	0.20	0.20	0.16	0.14	0.12	0.12	0.10							
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Shelf Life (+105°C)	After leaving capacitors under no load at 105°C for 500 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

Freq (HZ)	50,60	120	1K	10 K	100K
Rated Volts (V)					
0.47~4.7	0.65	1	1.35	2.30	2.50
10~47	0.75	1	1.25	1.75	1.80
100~1000	0.80	1	1.15	1.40	1.50
2200~6800	0.85	1	1.03	1.08	1.08

STANDARD RATINGS

Cap (μ F)	6.3		10		16		25		35	
	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple
	Φ DxL	mArms	Φ DxL	mArms	Φ DxL	mArms	Φ DxL	mArms	Φ DxL	mArms
0.47	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-
2.2	-	-	-	-	-	-	-	-	-	-
3.3	-	-	-	-	-	-	-	-	-	-
4.7	-	-	-	-	-	-	-	-	5x11	21
10	-	-	-	-	5x11	27	5x11	27	5x11	30
22	-	-	5 x11	37	5x11	40	6.3x11	46	6.3x11	51
33	5x11	45	5x11	45	5x11	49	6.3x11	56	8x11.5	72
47	5x11	54	5x11	54	6.3x11	67	6.3x11	67	8x11.5	86
100	6.3x11	90	6.3x11	90	8x11.5	110	8x11.5	110	10x12.5	160
220	8x11.5	150	8x11.5	150	10x12.5	195	10x16	215	10x20	290
330	8x11.5	185	10x16	240	10x16	265	12.5x20	320	12.5x25	350
470	10x12.5	260	10x16	290	10x20	345	12.5x20	380	16x25	465
1000	10x20	460	12.5x20	510	12.5x25	605	16x25	670	16x31.5	805
2200	12.5x25	820	16x25	910	16x31.5	1070	18x35.5	1140	-	-
3300	16x25	1110	16x31.5	1200	18x35.5	1400	-	-	-	-
4700	16x31.5	1430	18x35.5	1520	-	-	-	-	-	-
6800	18x35.5	1830	-	-	-	-	-	-	-	-

Cap (μ F)	50		63		80		100	
	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple	Size (mm)	Ripple
	Φ DxL	mArms	Φ DxL	mArms	Φ DxL	mArms	Φ DxL	mArms
0.47	5x11	7	-	-	-	-	5x11	8
1	5x11	10	-	-	-	-	5x11	12
2.2	5x11	15	-	-	5x11	16	6.3x11	20
3.3	5x11	18	5x11	20	6.3x11	23	6.3x11	25
4.7	5x11	22	6.3x11	24	6.3x11	27	6.3x11	30
10	6.3x11	37	6.3x11	40	8x11.5	46	8x11.5	50
22	8x11.5	63	8x11.5	68	10x16	89	10x16	97
33	8x11.5	77	10x12.5	98	10x16	105	12.5x20	140
47	10x12.5	105	10x16	130	10x20	140	12.5x20	170
100	10x20	190	12.5x20	225	12.5x25	245	16x25	300
220	12.5x25	340	16x25	405	16x31.5	435	18x35.5	510
330	16x25	460	16x31.5	535	18x35.5	570	-	-
470	16x31.5	590	18x35.5	680	-	-	-	-

Ripple Current: 105°C, 120Hz