

- 2000 Hours at 105°
- 6mm Height
- Low Impedance, Low ESR



SPECIFICATIONS

Item	Characteristics																			
Operating Temperature Range (°C)	-55~+105																			
Leakage Current (μA)	0.01 CV or 3 (μA), whichever is greater (at 20°C, after 2 minutes of rated voltage).																			
Capacitance Tolerance (20°C, 120Hz)	+/-20%																			
Dissipation Factor (20°C, 120Hz)	<table border="1"> <tr> <td>Rated voltage</td> <td>63</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> </tr> <tr> <td>Tan δ</td> <td>.022</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </table>	Rated voltage	63	10	16	25	35	Tan δ	.022	0.19	0.16	0.14	0.12							
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Shelf Life (+105°C)	After leaving capacitors under no load at 105°C for 1000 hours, they meet the requirements listed above.																			

DIMENSIONS

mm

Lead Spacing and diameter

ΦD	A	B	C	E	L
4	1.8	4.3	4.3	1	5.9
5	2.1	5.3	5.3	1.3	5.9
6.3	2.4	6.6	6.6	2.2	5.9
8	3.3	8.3	8.3	2.3	5.9

MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Rated Volts (v)	Freq (Hz)			
	50	120	1K	10K~100K
6.3~16	0.80	1	1.15	1.25
25~35	0.80	1	1.25	1.40
50	0.80	1	1.35	1.50

Temperature coefficient

Temperature (°C)	+70 or less	+85
Factor	1.35	1

■ STANDARD RATINGS

Cap (μF) \ Wv (V)	6.3			10			16			25			35		
	ΦD	Ω	Ripple	ΦD	Ω	Ripple	ΦD	Ω	Ripple	ΦD	Ω	Ripple	ΦD	Ω	Ripple
1.0	-	-	-	-	-	-	-	-	-	-	-	-	4	5.0	50
1.5	-	-	-	-	-	-	-	-	-	-	-	-	4	5.0	50
2.2	-	-	-	-	-	-	-	-	-	-	-	-	4	5.0	50
3.3	-	-	-	-	-	-	-	-	-	-	-	-	4	5.0	50
4.7	-	-	-	-	-	-	-	-	-	4	5.0	50	4	5.0	50
6.8	-	-	-	-	-	-	-	-	-	4	5.0	50	5	2.6	80
10	-	-	-	-	-	-	4	5.0	50	5	2.6	80	5	2.6	80
15	-	-	-	-	-	-	5	2.6	80	6.3	1.3	115	6.3	1.3	115
22	4	5.0	50	5	2.6	80	5	2.6	80	6.3	1.3	115	6.3	1.3	115
33	5	2.6	80	5	2.6	80	6.3	1.3	115	6.3	1.3	115	8	0.8	150
47	5	2.6	80	6.3	1.3	115	6.3	1.3	115	8	0.8	150	8	0.8	150
68	6.3	1.3	115	6.3	1.3	115	8	0.8	150	8	0.8	150	-	-	-
100	6.3	1.3	115	8	0.8	150	8	0.8	150	-	-	-	-	-	-
150	8	0.8	150	8	0.8	150	-	-	-	-	-	-	-	-	-

Ripple: 100KHz, 105°C

Impedance: Ω 100KHz, 105°C