

- Development for the demand of higher voltage with compact size
- 500 V and 550 V added in the series
- Warranty of 5000 hours at 85°C

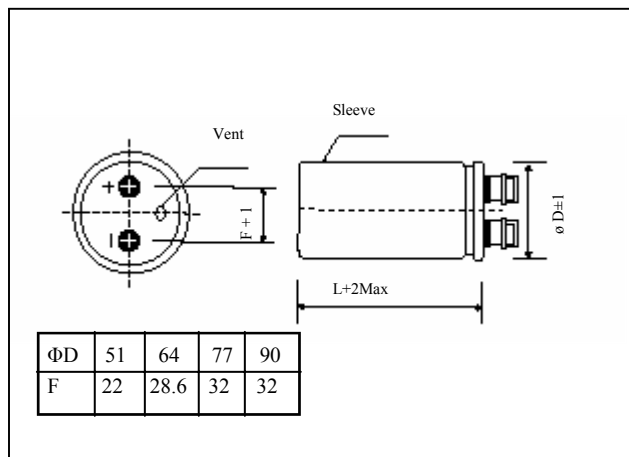


■ SPECIFICATIONS

Item	Characteristics								
Rated Voltage Range (V)	350~550V								
Operating Temperature Range (°C)	-40~+85								
Capacitance Tolerance(25°C,120Hz)	±20%								
Leakage Current(μ A)	0.01CV or 5mA, whichever is smaller, (at 25°C, after 5 minutes) C: Nominal Capacitance (μ F), V: Rated Voltage (V)								
Dissipation Factor (20°C, 120Hz)	350,400,450V. DC.: 0.15 500,550V. DC.: 0.20								
Load Life (+85°C)	<table border="1"> <tr> <td>Time</td> <td>5000 hours</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Capacitance change</td> <td>Within ±15% of the initial value</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 175% of the specified value</td> </tr> </table>	Time	5000 hours	Leakage current	Not more than the specified value	Capacitance change	Within ±15% of the initial value	Dissipation factor	Not more than 175% of the specified value
	Time	5000 hours							
	Leakage current	Not more than the specified value							
	Capacitance change	Within ±15% of the initial value							
Dissipation factor	Not more than 175% of the specified value								
Shelf Life (+85°C)	<table border="1"> <tr> <td>Time</td> <td>1000 hours</td> </tr> <tr> <td>Leakage current</td> <td>Not more than the specified value</td> </tr> <tr> <td>Capacitance change</td> <td>Within ±15% of the initial value</td> </tr> <tr> <td>Dissipation factor</td> <td>Not more than 175% of the specified value</td> </tr> </table>	Time	1000 hours	Leakage current	Not more than the specified value	Capacitance change	Within ±15% of the initial value	Dissipation factor	Not more than 175% of the specified value
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	Capacitance change	Within ±15% of the initial value							
Dissipation factor	Not more than 175% of the specified value								
*After test: (V) to be applied for 60 minutes, 24 to 48 hours before measurement.									

■ DIMENSIONS

mm



■ MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Frequency (Hz)	50,60	120	300	1K	≥10K
Factor	0.7	1.0	1.10	1.30	1.40

Temperature coefficient

Temperature (°C)	+40	+60	+85
Factor	1.89	1.67	1.00

■ STANDARD RATINGS

Rated Voltage (V.DC)	Surge Voltage V.DC)	Rated Capacitance (μ F)	Leakage Current MAX(mA)	Dissipation Factor MAX	Ripple Current 85°C 120Hz (Arms)	Size Φ DxL(mm)
350	400	2700	5.0	0.15	9.7	51x115
		3300	5.0	0.15	11.3	51x130
		3900	5.0	0.15	12.0	64x96
		4700	5.0	0.15	14.0	64x115
		5600	5.0	0.15	16.1	64x130
		6800	5.0	0.15	17.9	77x115
		8200	5.0	0.15	20.6	77x130
		10000	5.0	0.15	24.4	77x155
		12000	5.0	0.15	27.9	77x171
			5.0	0.15	26.7	90x131
		15000	5.0	0.15	31.9	90x157
		18000	5.0	0.15	38.1	90x196
		22000	5.0	0.15	45.5	90x236
400	450	2200	5.0	0.15	8.8	51x115
		2700	5.0	0.15	10.2	51x130
		3300	5.0	0.15	11.0	64x96
		3900	5.0	0.15	12.8	64x115
		4700	5.0	0.15	14.8	64x130
		5600	5.0	0.15	16.2	77x115
		6800	5.0	0.15	18.7	77x130
		8200	5.0	0.15	22.0	77x155
		10000	5.0	0.15	26.7	77x195
			5.0	0.15	24.2	90x131
		12000	5.0	0.15	28.5	90x157
		15000	5.0	0.15	34.8	90x196
		18000	5.0	0.15	41.2	90x236
450	500	1800	5.0	0.15	7.6	51x115
		2200	5.0	0.15	8.8	51x130
		2700	5.0	0.15	9.5	64x96
		3300	5.0	0.15	11.2	64x115
		3900	5.0	0.15	12.8	64x130
		4700	5.0	0.15	14.1	77x115
		5600	5.0	0.15	16.2	77x130

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Rated Voltage (V.DC)	Surge Voltage V.DC)	Rated Capacitance (μ F)	Leakage Current MAX(mA)	Dissipation Factor MAX	Ripple Current 85°C 120Hz (Arms)	Size ΦDxL(mm)
450	500	6800	5.0	0.15	19.1	77x155
		8200	5.0	0.15	23.0	77x195
			5.0	0.15	21.0	92x131
		10000	5.0	0.15	25.7	90x171
		12000	5.0	0.15	29.7	90x196
		15000	5.0	0.15	35.9	90x236
500	550	1200	5.0	0.20	6.2	51x115
			5.0	0.20	6.3	64x96
		1500	5.0	0.20	7.3	51x130
			5.0	0.20	7.1	64x96
		1800	5.0	0.20	8.3	64x115
		2200	5.0	0.20	9.6	64x130
		2700	5.0	0.20	10.7	77x115
		3300	5.0	0.20	12.4	77x130
		3900	5.0	0.20	14.4	77x155
		4700	5.0	0.20	16.5	77x171
			5.0	0.20	15.8	90x131
		5600	5.0	0.20	19.0	77x195
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		6800	5.0	0.20	21.2	90x171
		8200	5.0	0.20	24.5	90x196
		10000	5.0	0.20	29.3	90x236
550	600	1000	5.0	0.20	5.9	51x130
		1200	5.0	0.20	6.8	64x115
		1500	5.0	0.20	8.0	64x130
		1800	5.0	0.20	8.7	77x115
		2200	5.0	0.20	10.1	77x130
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		3300	5.0	0.20	13.3	77x155
		3900	5.0	0.20	15.5	90x157
		4700	5.0	0.20	17.6	90x171
		5600	5.0	0.20	20.3	90x196
		6800	5.0	0.20	24.1	90x236

Ripple current should be under 60 Arms