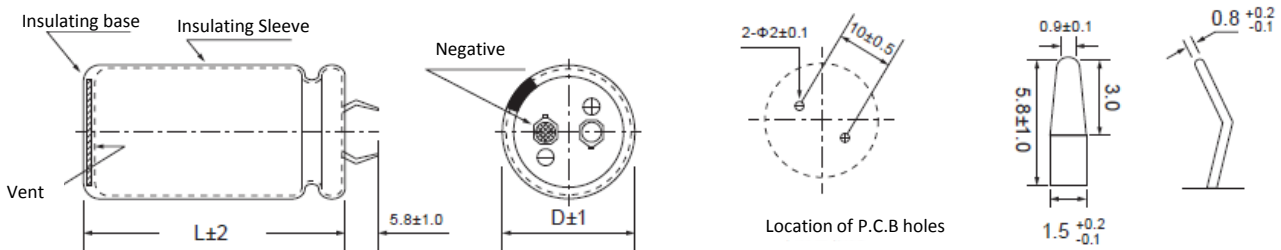


- Endurance:105°C 3000 hours
- Suitable for high frequency of regenerative voltage of AC servo motor and general inverter
- Most suitable for high frequency power on/off applications and applications where the power supply voltage varies greatly.
- Can withstand DC charge and discharge for 50 million cycles
- Corresponding product to RoHS

■ SPECIFICATIONS

Item	Characteristics														
Category Temperature Range	-25 ~ +105°C														
Rated Voltage Range	350~ 450VDC														
Rated Capacitance Range	100 ~ 820 μF														
Capacitance Tolerance	± 20 % (120Hz , 20°C)														
Leakage Current (20°C)	I = 3√CV. (After rated voltage applied for 5minutes) I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)														
Dissipation Factor(MAX) (tan δ) (120Hz ,20°C)	WV	350~400	420~450												
	tan δ	0.15	0.20												
Charge discharge condition	Frequency	6Hz													
	Cycle	50 million cycles													
Voltage waveform															
	<p>Low Temperature Stability Impedance Ratio (MAX)</p> <table border="1"> <tr> <td>Measurement frequency : 120Hz</td> <td>Rated voltage(V)</td> <td>350</td> <td>400</td> <td>420</td> <td>450</td> </tr> <tr> <td>Z-25°C / Z+20°C</td> <td></td> <td>8</td> <td>8</td> <td>8</td> <td>8</td> </tr> </table>				Measurement frequency : 120Hz	Rated voltage(V)	350	400	420	450	Z-25°C / Z+20°C		8	8	8
Measurement frequency : 120Hz	Rated voltage(V)	350	400	420	450										
Z-25°C / Z+20°C		8	8	8	8										
Endurance	After applying rated voltage with rated Ripple current for 3000hrs at 105°C , the capacitor shall meet the following requirement.														
	Capacitance change	Within ± 20% of initial value													
	D.F. (tan δ)	Not more than 200% of specified value													
Shelf Life	After placed at 105°C without voltage applied for 1000 hours,the capacitor shall meet the same requirements as Endurance.														

■ Dimensions [mm]



■ Multiplier for Ripple Current

Freq. (Hz)	50	120	300	1K	10K	≥50K
350~450V	0.77	1.00	1.16	1.30	1.41	1.43

■ STANDARD RATINGS

Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (A/rms105°C) (120Hz)	Rated Voltage (SurageVoltage) (V)	Cap (μ F)	Case size Φ DxL(mm)	$\tan \delta$	Ripple current (A/rms105°C) (120Hz)
350(400)	120	22x25	0.15	0.75	420(470)	100	22x25	0.20	0.66
	150	22x30	0.15	0.82		120	22x30	0.20	0.81
	180	25x25	0.15	0.90		25x25	0.20	0.81	
	220	22x35	0.15	1.00		150	22x35	0.20	0.84
		25x30	0.15	1.00			25x30	0.20	0.84
	270	22x40	0.15	1.10		180	22x40	0.20	0.91
		25x35	0.15	1.10			25x30	0.20	0.91
		30x25	0.15	1.10			30x25	0.20	0.91
	330	22x45	0.15	1.20		220	22x45	0.20	1.05
		25x40	0.15	1.20			25x35	0.20	1.05
		30x30	0.15	1.20			30x30	0.20	1.05
	390	25x45	0.15	1.30		270	25x40	0.20	1.25
		30x35	0.15	1.30			30x30	0.20	1.25
	470	25x50	0.15	1.40		330	35x25	0.20	1.25
		30x40	0.15	1.40			25x50	0.20	1.42
		35x30	0.15	1.40			30x35	0.20	1.42
560	30x45	0.15	1.50	390	35x30	0.20	1.42		
	35x35	0.15	1.50		30x40	0.20	1.61		
680	30x50	0.15	1.70	470	35x35	0.20	1.61		
	35x40	0.15	1.70		30x45	0.20	1.86		
820	35x45	0.15	1.90	560	35x40	0.20	1.86		
400(450)	100	22x25	0.15	0.68	680	35x45	0.20	1.98	
	120	22x30	0.15	0.73	820	35x50	0.20	2.20	
	150	22x35	0.15	0.85	450(500)	100	22x30	0.20	0.69
		22x35	0.15	0.95		25x25	0.20	0.69	
	180	25x30	0.15	0.95		120	22x35	0.20	0.72
		30x25	0.15	0.95		22x40	0.20	0.79	
	220	22x45	0.15	1.10		150	25x30	0.20	0.79
		25x35	0.15	1.10			30x25	0.20	0.79
		30x25	0.15	1.10			22x45	0.20	0.87
	270	22x50	0.15	1.22		180	25x35	0.20	0.87
		25x40	0.15	1.22			30x30	0.20	0.87
		30x30	0.15	1.22			25x40	0.20	1.05
		35x25	0.15	1.22			30x30	0.20	1.05
	330	25x45	0.15	1.44		220	35x25	0.20	1.05
		30x35	0.15	1.44			25x50	0.20	1.23
	390	25x50	0.15	1.55		270	30x35	0.20	1.23
		30x40	0.15	1.55			35x30	0.20	1.23
		35x30	0.15	1.55			30x40	0.20	1.38
	470	30x45	0.15	1.68		330	35x35	0.20	1.38
		35x35	0.15	1.68			30x50	0.20	1.61
560	30x50	0.15	1.90	390		35x40	0.20	1.61	
	35x40	0.15	1.90			470	35x45	0.20	1.78
680	35x50	0.15	2.12	560	35x50	0.20	1.99		