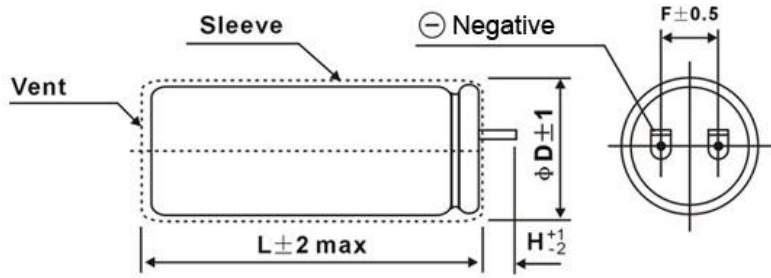


FEATURES

- Compliant to the RoHS directive.
- 2000 hours at 85°C
- Compact and light weight. Small size.
- suitable for filter circuit, such as: power supply input filter or TV sets etc.



DIMENSIONS (mm)



ΦD	22	25	30	35	40
F	8.5	10	14	14	14
H	10	12	12	12	12

SPECIFICATIONS

Item	Performance Characteristics							
Operation Temperature Range	- 40 ~ +85 °C				- 25 ~ +85 °C			
Rated Working Voltage	10 ~ 100 VDC				160 ~ 450 VDC			
Capacitance Range	47uF ~ 22000uF							
Normal Capacitance Tolerance	±20% (120Hz, 20°C)							
Leakage Current	I ≦ 3√CV or less after 5min, application of rated voltage. C : Capacitance (µF) / V : Voltage (V)							
Dissipation Factor (tanδ) (120Hz 20°C)	Rated Voltage	10 ~ 16	25	35	50	63 ~ 100	160 ~ 250	350 ~ 450
	tanδ(max.)	0.5	0.4	0.35	0.3	0.25	0.15	0.2
Low Temperature Characteristics (120Hz)	Impedance ratio at 120Hz							
	Rated Voltage (V)	16 ~ 100			160 ~ 250		350 ~ 450	
	-25°C / +20°C	4			3		8	
	-40°C / +20°C	15			12		-	
Load Life	After 2,000 hours application of rated voltage at +85°C, capacitors meet the characteristics requirements mentioned below.							
	Capacitance Change	Within 20% of initial value						
	tanδ	200% or less of initial specified value						
	Leakage Current	Initial specified value or less value						
Shelf Life	After leaving Capacitors under no load at 85°C for 500hours and applying voltage according to JIS C-5102 4-3, they meet the specified value for load life characteristics listed above.							

CASE SIZE & Max RIPPLE CURRENT Dimension Diameter (OD)×Length(L) mm

* Allowable Ripple at 85°C, 120Hz

WV(SV)	10V		16V		25V		35V		50V		63V		100V	
	Case	Ripple												
1000													22*30	1500
													22*25	1500
1500													22*40	1950
													25*30	1900
2200									22*25	1850	22*30	2300	22*50	2650
											25*25	2300	25*40	2600
3300							22*25	2200	22*35	2350	22*40	2750	30*40	3450
									25*25	2350	25*35	2800	35*35	3450
4700					22*25	1900	22*30	2400	22*40	2800	22*50	3300	35*40	4300
							25*25	2400	25*35	2800	25*40	3250		
6800			22*25	2500	22*35	2550	22*40	2950	22*50	3800	30*40	4200		
					25*25	2550	25*35	2950	25*40	3800	35*40	4150		
10000			22*30	2850	22*45	3400	25*45	4000	30*45	4750	35*40	5200		
			25*25	2850	25*35	3400	30*35	4000	35*35	4700				
15000	22*30	2760	22*40	3700	25*45	3750	30*45	5000	35*45	5900				
			25*35	3750	30*35	4450	35*45	5000						
22000	22*40	3550	25*45	4800	30*50	5800	35*50	6250						
	25*30	3480	30*35	4800	35*40	5750								

CASE SIZE & Max RIPPLE CURRENT Dimension Diameter (OD)×Length(L) mm

*** Allowable Ripple at 85°C, 120Hz**

WV(SV)	160V		200V		250V		350V		400V		450V	
CAP (μF)	160V		200V		250V		350V		400V		450V	
47									22*20	220	22*25	260
100							22*25	860	22*30	650	22*40	440
									25*25	650	25*35	440
150							22*35	1140	22*40	900	25*45	590
									25*30	850	30*35	580
220			22*25	1100	22*30	1150	22*45	1140	22*50	1150	30*45	760
					25*25	1150	25*35	1140	25*40	1100	35*35	740
330	22*25	1300	22*30	1400	22*40	1450	25*50	1880	30*45	1500	35*45	1000
			25*25	1400	25*30	1450	35*30	1870	35*35	1500		
470	22*35	1750	22*40	1800	22*50	1900	30*50	2400	35*45	2000		
	25*30	1750	25*35	1800	25*40	1900	35*35	2330				
680	22*40	2150	25*40	2250	30*40	2400	30*45	2960				
	25*35	2200	30*35	2250	35*30	2350						
1000	25*45	2800	30*45	2950								
	30*35	2800	35*35	2900								

Note: Other Values are available on request. WEET is capable of doing custom service for you

PN Structure

WEF	1E	223	M	03600830	100	B	R
Series	Rated Voltage	Capacitance	Capacitance Tolerance	Dimension	Pitch/Pins	Packing	Pb
	1.	2.	3.	4.	5.	6.	7.

1. Rated Voltage

Code	0J	1A	1C	1D	1E	1V	1G	1H	1J	1K	2A	2B
Voltage	6.3V	10V	16V	20V	25V	35V	40V	50V	63V	80V	100V	120V
Code	2C	2K	2D	2E	2F	2U	2N	2G	2X	2W	2H	2Y
Voltage	160V	180V	200V	250V	315V	330V	360V	400V	420V	450V	500V	550V

2. Capacitance

Code	0R1	R22	R33	R47	010	2R2	3R3	4R7	100	470	101	562	223	334
Capacitance (μF)	0.1	0.22	0.33	0.47	1	2.2	3.3	4.7	10	47	100	5600	22000	330000

3. Capacitance Tolerance

Code	K	L	M
Tolerance	±10%	±15%	±20%

4. Dimension

Code	00500095	00630085	03600530	07701550
Dimension (mm)	5x9.5	6.3x8.5	36x53	77x155

5. Pitch

Code	020	025	075	100	220	320
Pitch (mm)	2.0	2.5	7.5	10.0	22	32

6. Packing

Code	A	B
Packing	Ammo	Bulk

7. Pb

Code	L	R
Pb	Leaded	RoHS

