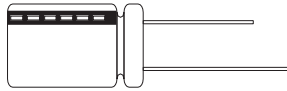


**CABB SERIES:** Radial Low Leakage**FEATURES**

- ◆ 85°C
- ◆ Standard low leakage current series

SPECIFICATIONS

Item		Performance												
		CABB					CABB							
Life		At 85°C 1000 Hrs					At 85°C 2000 Hrs							
Operating Temperature		-40°C ~ +85°C												
Capacitance Tolerance		± 20% (120Hz, 20°C)												
Leakage Current (at 20°C)		I = 0.002CV or 0.4 (A) whichever is greater (after 2 minutes) Where, C = rated capacitance in μF. V=rated DC working voltage in V.												
Dissipaton Factor		Rated Voltage	6.3	10	16	25	35	50	63	100				
Tan δ at 120 Hz, 20°C		Tan δ (max)	0.24	0.21	0.16	0.14	0.12	0.10	0.09	0.08				
		When the capacitance exceed 1000 μF 0.02 shall be added every 1000 μF												
		Impedance ratio shall not exceed the values given in the table below												
Low Temperature		Rated Voltage			6.3	10	16	25	35	50	63	100		
Characteristics (at 120Hz)		Impedance Ratio		Z(-25°C) /Z(+20°C)		5	4	2	2	2	2	2		
				Z(-40°C) /Z(+20°C)		10	8	6	4	4	3	3	3	
Load Life Test		Test Time		1000 / 2000 Hrs				Shelf Life Test		Test Time		1000 Hrs		
		Capacitance Change		≤ ± 20%						Capacitance Change		≤ ± 20%		
		Dissipation Factor		Less than 200% of specified value				Dissipation Factor		Less than 200% of specified value				
		Leakage Current		Within specified value				Leakage Current		Within specified value				
		Specification shall be satisfied when the capacitors are restored to 20°C after rated voltage applied for 1000/2000 hrs. at 85°C.		10K up				Specification shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hrs at 85°C without voltage applied.						
Ripple Current & Frequency Multipliers		Freq. (Hz) Cap. (F)			120	500	1K	Riple Current & Temperature Multipliers		Temperature (°C)		Under 50	70	85
										Multipliers		1.75	1.58	1.00
		Under 100		0.70	1.00	1.35	1.55	2.00						
		220 to 1000		0.83	1.00	1.23	1.32	1.50						
		2200 up above		0.90	1.00	1.12	1.10	1.15						
Standards		Satisfies Characteristic W of JIS C 5141												

DIMENSIONS AND PERMISSABLE RIPPLE CURRENT

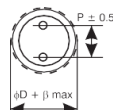
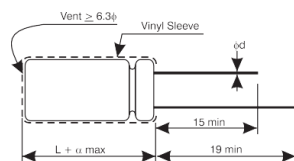
Dimension: ΦD×L(mm)

Ripple Current: mA/RMS at 120Hz 85°C

VDC		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)		63V(1J)		100V(2A)	
μF	Code	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA
0.1	104											5 x 11	1.3			5 x 11	2.6
0.22	224											5 x 11	2.9			5 x 11	5.8
0.33	334											5 x 11	4.4			5 x 11	8.8
0.47	474											5 x 11	7			5 x 11	12
1	105											5 x 11	13			5 x 11	22
2.2	225											5 x 11	29			5 x 11	33
3.3	335											5 x 11	35			5 x 11	40
4.7	475							5 x 11	31	5 x 11	40	5 x 11	42	5 x 11	45	5 x 11	48
10	106					5 x 11	44	5 x 11	54	5 x 11	58	5 x 11	65	5 x 11	70	6.3 x 11	80
22	226			5 x 11	59	5 x 11	75	5 x 11	80	5 x 11	87	5 x 11	95	6.3 x 11	115	8 x 11.5	135
33	336	5 x 11	55	5 x 11	84	5 x 11	90	5 x 11	97	5 x 11	105	6.3 x 11	125	6.3 x 11	140	10 x 12.5	195
47	476	5 x 11	79	5 x 11	100	5 x 11	110	5 x 11	115	6.3 x 11	145	6.3 x 11	150	8 x 11.5	190	10 x 16	255
100	107	5 x 11	130	5 x 11	145	6.3 x 11	180	6.3 x 11	190	8 x 11.5	240	8 x 11.5	255	10 x 12.5	320	13 x 20	450
220	227	6.3 x 11	230	6.3 x 11	250	8 x 11.5	300	8 x 11.5	320	10 x 12.5	420	10 x 16	490	10 x 20	565	16 x 25	810
330	337	6.3 x 11	280	8 x 11.5	350	8 x 11.5	370	10 x 12.5	470	10 x 16	570	10 x 20	650	13 x 20	765	16 x 25	990
470	477	8 x 11.5	380	8 x 11.5	415	10 x 12.5	520	10 x 16	620	10 x 20	740	13 x 20	860	13 x 25	990	16 x 31.5	1250
1000	108	10 x 12.5	650	10 x 16	790	10 x 20	910	13 x 20	1090	13 x 25	1300	16 x 25	1530	16 x 31.5	1700		
2200	228	13 x 20	1150	13 x 20	1240	13 x 25	1420	16 x 25	1660	16 x 31.5	1890	18 x 35.5	2160				
3300	338	13 x 20	1380	13 x 25	1590	16 x 25	1840	16 x 31.5	2070	18 x 35.5	2340						
4700	478	16 x 25	1880	16 x 25	1980	16 x 31.5	2260	18 x 35.5	2520	18 x 40	2690						

PART NUMBER EXAMPLE

CABB 226M 1C B 050 110

**LEAD SPACING AND DIAMETER**

φd	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5		0.6			0.8	
α	1.0			1.5			
β	0.5						

Code	Lead Forming Type
O	Bulk
T	5mm Chip tape
A	(Φ4-Φ6.3)2.5mm tape
F	(Φ4-Φ8)5mm tape
P	Φ≥Φ8mm original(vertical)tape
M	5mm Lead forming
C	C Lead forming
B	B Lead forming
D	(Φ4-Φ8)2.5mm Lead forming