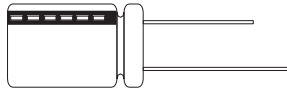




CABB SERIES: Radial Low Leakage



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.																	
Dissipation 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 Characteristics (at 120Hz)	Rated Voltage	6.3		10		16		25		35		50		63		100		
		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	
Load Life Test	Test Time	1000 / 2000 Hrs																
	Capacitance Change	≤ ± 20%																
	Dissipation Factor	Less than 200% of 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.																	
Ripple Current & Frequency Multipliers	Cap. (F)	Freq. (Hz)	120		500		1K											
			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									
			Satisfies Characteristic W of JIS C 5141															

DIMENSIONS AND PERMISSABLE RIPPLE CURRENT

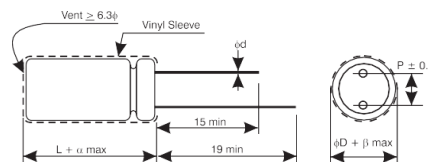
Dimension: ΦD×L(mm)

Ripple Current: mA/RMS at 120Hz 85°C

µF	Code	6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)		63V(1J)		100V(2A)	
		DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA
0.1	0R1											5 x 11	1.3			5 x 11	2.6
0.22	R22											5 x 11	2.9			5 x 11	5.8
0.33	R33											5 x 11	4.4			5 x 11	8.8
0.47	R47											5 x 11	7			5 x 11	12
1	010											5 x 11	13			5 x 11	22
2.2	2R2											5 x 11	29			5 x 11	33
3.3	3R3											5 x 11	35			5 x 11	40
4.7	4R7							5 x 11	31	5 x 11	40	5 x 11	42	5 x 11	45	5 x 11	48
10	100					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	220			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	330	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	470	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	101	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	221	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	331	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	471	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	1002	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	222	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	332	13 x 20	1380	13 x 25	1590	16 x 25	1840	16 x 31.5	2070	18 x 35.5	2340						
4700	472	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 220 M 1C BK 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						