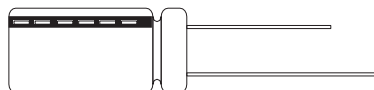


**CAZB SERIES:** Radial, Miniature, Low Leakage Current**FEATURES**

- ◆ 85°C, Low Leakage Current.
- ◆ 7mm height.

**SPECIFICATIONS**

Item	Performance										
	CAZB					CAZB					
Life	At 85°C 1000 Hrs					At 85°C 2000 Hrs					
Operating Temp.	-40°C ~ +85°C Range										
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 F. V=rated DC working voltage in V.										
Dissipatn Factor Tan at 120 Hz,20°C	Rated Voltage	4	6.3	10	16	25	35	50	63		
	Tan (max)	0.35	0.23	0.21	0.16	0.14	0.12	0.10	0.10		
	Impedance ratio shall not exceed the values given in the table.										
Low Temperature Characteristics (at 120Hz)	Rated Voltage		4	6.3	10	16	25	35	50	63	
	Impedance Ratio	Z(-25°C) /Z(+20°C)	6	4	3	3	2	2	2	2	
		Z(-40°C) /Z(+20°C)	12	8	6	6	4	3	3	3	
Load Life Test at 20°C (after rated voltage is applied at 85°C for 1000/2000 hours)	Test Time	1000 / 200 Hrs				Shelf Life Test at 20°C (after exposure to 85°C for 1000 hours with no voltage)		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	
Ripple Current & Frequency Multipliers		60(50)	120	500	1K	10K up					
	Under 33	0.70	1.00	1.20	1.30	1.45					
	47 to 220	0.80	1.00	1.10	1.15	1.20					
Riple Current & Temperature Multipliers	Temperature (°C)	Under 50	70	85							
	Multipliers	1.85	1.58	1.00							
Standards	Satisfies Characteristic W of JIS C 5141										

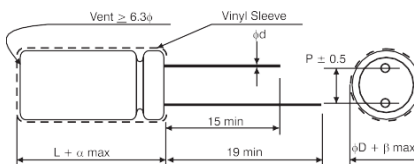
DIMENSIONS & PERMISSABLE RIPPLE CURRENT

Dimension: D×L(mm); Ripple Current: mA/RMS at 120Hz 85°C

VDC		4V(0G)		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)		63V(1J)	
μF	Code	φ D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA	D x L	mA
0.1	104													4 x 7	3	4 x 7	3
0.22	224													4 x 7	5	4 x 7	5
0.33	334													4 x 7	6	4 x 7	6
0.47	474													4 x 7	7	4 x 7	7
1	105													4 x 7	10	4 x 7	10
2.2	225													4 x 7	16	5 x 7	19
3.3	335											4 x 7	18	4 x 7	20	6.3 x 7	29
4.7	475									4 x 7	19	5 x 7	21	5 x 7	24	6.3 x 7	36
10	106							4 x 7	27	5 x 7	29	6.3 x 7	36	6.3 x 7	40		
22	226					4 x 7	36	4 x 7	40	6.3 x 7	47	6.3 x 7	53				
33	336	4 x 7	33	4 x 7	41	5 x 7	44	5 x 7	55	6.3 x 7	63	8 x 7	71				
47	476	4 x 7	39	5 x 7	49	6.3 x 7	54	6.3 x 7	62	8 x 7	74						
100	107	6.3 x 7	59	6.3 x 7	75	8 x 7	90	8 x 7	110								

LEAD SPACING AND DIAMETER

D	4	5	6.3	8
P	1.5	2.0	2.5	3.5
d	0.45		0.5	
α	1.0			
β	0.5			

**PART NUMBER EXAMPLE**

CAZB 104 M 1H O 040 070

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