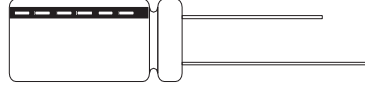


**CAZF SERIES:** Radial Micro-Miniature Size**FEATURES**

- ◆ 85°C, 1000 hours assured.
- ◆ Standard micro miniature size with 5mm height.

**SPECIFICATIONS**

Item	Performance									
Operating Temperature Range	~40°C~+85°C									
Capacitance Tolerance	±20% (120Hz, 20°C)									
Leakage Current (at 20°C)	I = 0.01CV or 3 (μA) whichever is greater (after 2 minutes) Where, C = rated capacitance in μF, V = rated DC working voltage in V.									
Dissipation Factor Tan at 120Hz, 20°C)	Rated Voltage	4	6.3	10	16	25	35	50		
	Tan (max)	0.35	0.25	0.20	0.17	0.15	0.13	0.10		
Low Temperature Characteristics (at 120Hz)	Rated Voltage	4	6.3	10	16	25	35	50	Impedance ratio shall not exceed the values given in this table.	
	Impedance Ratio	7	6	4	3	2	2	2		
		15	12	8	6	4	4	4		
Load Life Test at 20°C (after rated voltage is applied at 85°C for 2000/3000 hours)	Test Time	1000 hours					Shelf Life Test at 20°C after exposure to 85 for 1000 hours with no voltage		Test Time	1000 hours
	Capacitance Change	Within ±20% of initial value							Capacitance Change	Within ±20% of initial value
	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	Cap.(F) Freq.(Hz)	60 (50)	120	500	1K	10K up				
	Under 33	0.75	1.00	1.15	1.34	1.50				
	47 to 220	0.80	1.00	1.08	1.20	1.30				
Ripple Current & Temperature Multipliers	Temperature(°C)	Under 50	70	85						
	Multipliers	1.27	1.27	1.00						
Standards	Satisfies Characteristic W of JIS C 5141									

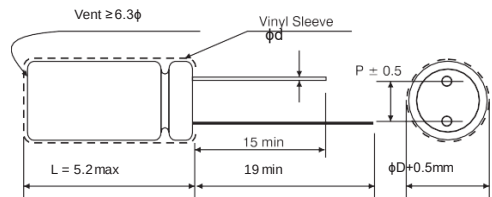
DIMENSIONS & PERMISSABLE RIPPLE CURRENTDimension: $\phi D \times L$ (mm); Ripple Current: mA/RMS at 120Hz 85°C

VDC		4V(0G)		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)	
μF	Code	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA
0.1	104													4 x 5	1
														3 x 5	1
0.22	224													4 x 5	2
														3 x 5	2
0.33	334													4 x 5	3
														3 x 5	2.8
0.47	474													4 x 5	5
														3 x 5	4
1	105													4 x 5	8.7
														3 x 5	7
2.2	225											4 x 5	8.7	4 x 5	10
												3 x 5	7		
3.3	335									4 x 5	11	4 x 5	12	4 x 5	13
										3 x 5	10				
4.7	475							4 x 5	14	4 x 5	14	4 x 5	17	4 x 5	20
								3 x 5	11						
10	106					4 x 5	17	4 x 5	23	5 x 5	27	5 x 5	27	6.3 x 5	31
						3 x 5	13								
22	226			4 x 5	22	5 x 4	30	5 x 5	35	6.3 x 5	42	6.3 x 5	46	6.3 x 5	46
33	336	4 x 5	27	4 x 5	34	5 x 5	41	5 x 5	49	6.3 x 5	52	6.3 x 5	52	8 x 5	66
47	476	4 x 5	34	5 x 5	37	6.3 x 5	50	6.3 x 5	58	6.3 x 5	58	8 x 5	72		
100	107	5 x 5	55	6.3 x 5	62	6.3 x 5	70	8 x 5	99	8 x 5	99				
220	227	6.3x5	74	8x5	104	8x5	120								

LEAD SPACING AND DIAMETER

D	3	4	5	6.3	8
P	1.0	1.5	2.0	2.5	
d	0.4	0.45			

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

**PART NUMBER EXAMPLE**

CAZF 104 M 1H O 040 050