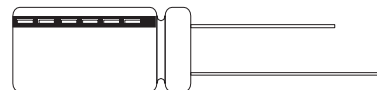




CAZC SERIES: Radial Micro-Miniature Size, Low Leakage

FEATURES

- ◆ 85°C, 1000 hours assured, 5mm height with low leakage.
- ◆ Use in very compact high temperature industrial equipment.

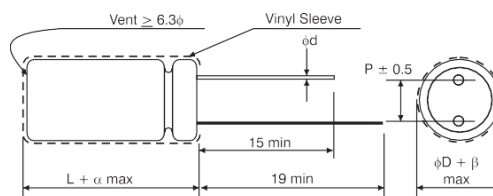


SPECIFICATIONS

Item	Performance												
Operating Temperature Range	-40° ~ + 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 F. V=rated DC working voltage in V.												
Dissipatior Factor Tan at 120 Hz,20°C	Rated Voltage	4	6.3	10	16	25	35	50					
	Tan (max)	0.35	0.27	0.23	0.19	0.15	0.13	0.11					
Low Temperature Characteristics (at 120Hz)	Rated Voltage				4	6.3	10	16	25	35	50	Impedance ratio shall not exceed the values given in the table.	
	Impedance Ratio				Z(-25°C) /Z(+20°C)		6	3	2	2	2		2
					Z(-40°C) /Z(+20°C)		12	9	7	5	3		3
Load Life Test	Test Time	1000 Hrs							The specification shall be satisfied when the capacitors are restored to 20°C after rated voltage applied for 1000hrs at 85°C.				
	Capacitance Change	4 ~ 6.3V		± 30%									
		10 ~ 50V		± 25%									
	Dissipation Factor	Less than 200% of speciefic value											
	Leakage Current	Within specified values											
Shelf Life Test	Test Time	500 Hrs							The specification shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hrs at 85°C without voltage applied.				
	Capacitance Change	4 ~ 6.3V		± 30%									
		10 ~ 50V		± 25%									
	Dissipation Factor	Less than 200% of speciefic value											
	Leakage Current	Within specified values											
Standards	Satisfies Characteristic W of JIS C 5141												

LEAD SPACING AND DIAMETER

D	4	5	6.3
P	1.5	2.0	2.5
d		0.45	
		1.0	
		0.5	



DIMENSIONS & PERMISSABLE RIPPLE CURRENT

VDC		4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		Code	Lead Forming Type
uF	Code	D xL	mA	D xL	mA	D xL	mA	D xL	mA	D xL	mA	D xL	mA	D xL	mA		
0.10	104													4 x 5	1	O	Bulk
0.22	224													4 x 5	2	T	5mm Chip tape
0.33	334													4 x 5	3	A	(Φ4~Φ6.3)2.5mm tape
0.47	474													4 x 5	3.8	F	(Φ4~Φ8)5mm tape
1	105													4 x 5	6.9	P	Φ≥Φ8mm original(vertical)tape
2.2	225													4 x 5	10	M	5mm Lead forming
3.3	335													4 x 5	13	C	C Lead forming
4.7	475									4 x 5	14	4 x 5	16	5 x 5	19	B	B Lead forming
10	106							4 x 5	19	5 x 5	23	5 x 5	24	6.3 x 5	32	D	(Φ4~Φ8)2.5mm Lead forming
22	226			4 x 5	22	5 x 5	24	5 x 5	28	6.3 x 5	38	6.3 x 5	42				
33	336	5 x 5	27	5 x 5	28	5 x 5	30	6.3 x 5	41	6.3 x 5	46						
47	476	5 x 5	32	5 x 5	34	6.3 x 5	43	6.3 x 5	50								
100	107	6.3 x 5	54	6.3 x 5	60												

PART NUMBER EXAMPLE

CAZC 104 M 1H O 040 050