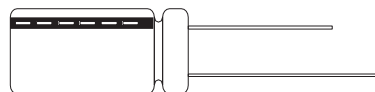


**CAZA SERIES:** Radial, Miniature, Low Leakage Current, 105°C**FEATURES**

- ◆ 105°C, 1000 hours assured, Low Leakage Current.
- ◆ 7mm height.
- ◆ Use in very compact high temperature industrial equipment.

**SPECIFICATIONS**

Item	Performance										
Operating Temperature Range	-40°C ~ +105°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.										
Dissipation Factor Tan at 120 Hz, 20°C	Rated Voltage	4	6.3	10	16	25	35	50	63		
	Tan (max)	0.35	0.24	0.21	0.16	0.14	0.12	0.10	0.10		
Impedance ratio shall not exceed the values given in the table below											
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
Z(-40°C) /Z(+20°C)			12	10	6	6	4	4	4	3	
Load Life Test	Test Time	1000 Hrs					The specification shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied for 1000 hrs at 105°C.				
	Capacitance Change	± 20%									
	Dissipation Factor	Less than 200% of specified value									
	Leakage Current	Within specified value									
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 105°C without voltage applied.				
	Capacitance Change	± 20%									
	Dissipation Factor	Less than 200% of specified value									
	Leakage Current	Within specified value									
Ripple Current & Frequency Multipliers	Freq. (Hz) Cap. F	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	105						
	Multipliers	1.95	1.65	1.27	1.0						
Standards	Satisfies Characteristic W of JIS C 5141										

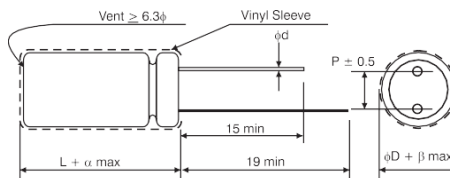
DIMENSIONS & PERMISSABLE RIPPLE CURRENT

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	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
0.10	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	20	6.3 x 7	29
4.7	475									4 x 7	19	5 x 7	21	6.3 x 7	24	6.3 x 7	36
10	106							4 x 7	27	5 x 7	29	6.3 x 7	32	8 x 7	40		
22	226					4 x 7	36	4 x 7	40	6.3 x 7	44	6.3 x 7	49				
33	336	4 x 7	33	4 x 7	41	5 x 7	44	5 x 7	55	6.3 x 7	55	8 x 7	67				
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										

LEAD SPACING AND DIAMETER

ϕD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ϕd	0.45	0.5		
α	1.0			
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

PART NUMBER EXAMPLE

CAZA 104 M 1HO 040 070