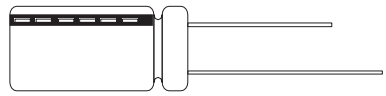
CAZD SERIES: Radial Super Miniature

FEATURES

- 85°C, 2000 hours assured, standard miniature type with 7mm height for compact circuits.



SPECIFICATIONS

Item	Performance										
	CAZD								CAZD		
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 = 0.01CV or 3 (A) whichever is greater (after 2 minutes) Where, C = rated capacitance in F. V=rated DC working voltage in V.										
Dissipaton Factor Tan at 120 Hz,20°C	Rated Voltage	4	6.3	10	16	25	35	50	63		
	Tan (max)	0.35	0.23	0.20	0.16	0.14	0.12	0.10	0.10		
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below										
	Rated Voltage		4	6.3	10	16	25	35	50	63	
	Impedance Ratio	Z(-25°C) /Z(+20°C)	7	4	3	3	2	2	2	2	
		Z(-40°C) /Z(+20°C)	14	10	8	6	4	4	4	4	
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 Multilpliers		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	1.75	1.58	1.00							
Standards	Satisfies Characteristic W of JIS C 5141										

DIMENSIONS & PERMISSABLE RIPPLE CURRENT

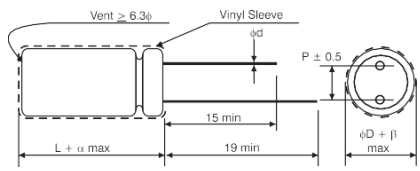
Dimension: D×L(mm); Ripple Current: mA/RMS at 120Hz 85°C

uF \ VDC	Contents	4V(0G)		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)		35V(1V)		50V(1H)		63V(1J)	
		DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA	DXL	mA
0.1	104													4 x 7	2	4 x 7	2
0.22	224													4 x 7	3	4 x 7	3
0.33	334													4 x 7	4	4 x 7	4.4
0.47	474													4 x 7	5	4 x 7	7.9
1	105													4 x 7	10	4 x 7	11
2.2	225													4 x 7	15	4 x 7	17
3.3	335													4 x 7	18	4 x 7	21
4.7	475											4 x 7	22	5 x 7 4 x 7	23 22	5 x 7	26
10	106							4 x 7	25	4 x 7	26	5 x 7 4 x 7	30 26	6.3 x 7 5 x 7	34 31	6.3 x 7	40
22	226			4 x 7	31	4 x 7	32	5 x 7 4 x 7	39 33	5 x 7 4 x 7	41 34	6.3 x 7	47	6.3 x 7	53	8 x 7	70
33	336	4 x 7	32	4 x 7	32	4 x 7	35	5 x 7	43	6.3 x 7	53	8 x 7 6.3 x 7	71 60	8 x 7 6.3 x 7	76 65		
47	476	4 x 7	38	4 x 7	38	5 x 7 4 x 7	47 39	6.3 x 7 5 x 7	59 49	6.3 x 7	65	8 x 7	83	8 x 7	85		
100	107	5 x 7	61	6.3 x 7 5 x 7	75 63	6.3 x 7	80	6.3 x 7	90	8 x 7	125						
220	227	6.3 x 7	90	6.3 x 7	99	8 x 7	140	8 x 7	146								
330	337	8 x 7	129	8 x 7	156												
470	477	8 x 7	154														

LEAD SPACING AND DIAMETER

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

CAZD 104 M 1H O 040 070