

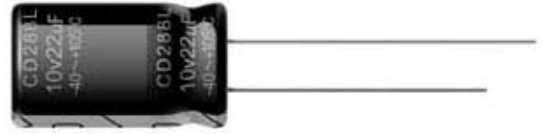
HIGH PERFORMANCE ALUMINUM ELECTROLYTIC CAPACITOR—Miniature size

High frequency, Low impedance, High reliability

ACM-CD288L

FEATURES

- Extremely reduced impedance at high frequency range
- Suitable for miniaturized and high performance equipment, computer mother board



SPECIFICATIONS

Operating Temperature Range	-40~+105℃					
Rated Voltage Range	6.3~35V					
Capacitance Tolerance	± 20% (M)					
Leakage current	After 2 minutes application of rated voltage. Leakage current is not more than 0.01 CV or 3(uA), whichever is greater					
Tan δ	Measurement frequency: 120Hz, Temperature: 20℃					
	Rated Voltage(V)	6.3	10	16	25	35
	Tan δ (max)	0.15	0.13	0.12	0.10	0.10
Temperature Stability	Measurement frequency: 120Hz					
	Rated voltage(V)	6.3	10	16	25	35
	Impedance Ratio	Z-40℃ / Z+20℃		2	2	2
Load life	After 2000 hours application of rated voltage at 105℃, the capacitors meet the characteristic requirements shown on the below table					
	Time	2000 hours				
	Leakage Current	Not more than the specified value				
	Capacitance Change	Within ±20% of initial value				
	Dissipation Factor	Not more than 200% of specified value				
Shelf Life	After leaving capacitors under no load at 105℃ for 1000 hours, they meet the specified value for load life characteristics listed below					
	Leakage Current	Not more than the specified value				
	Capacitance Change	Within ±20% of initial value				
	Dissipation Factor	Not more than 150% of specified value				

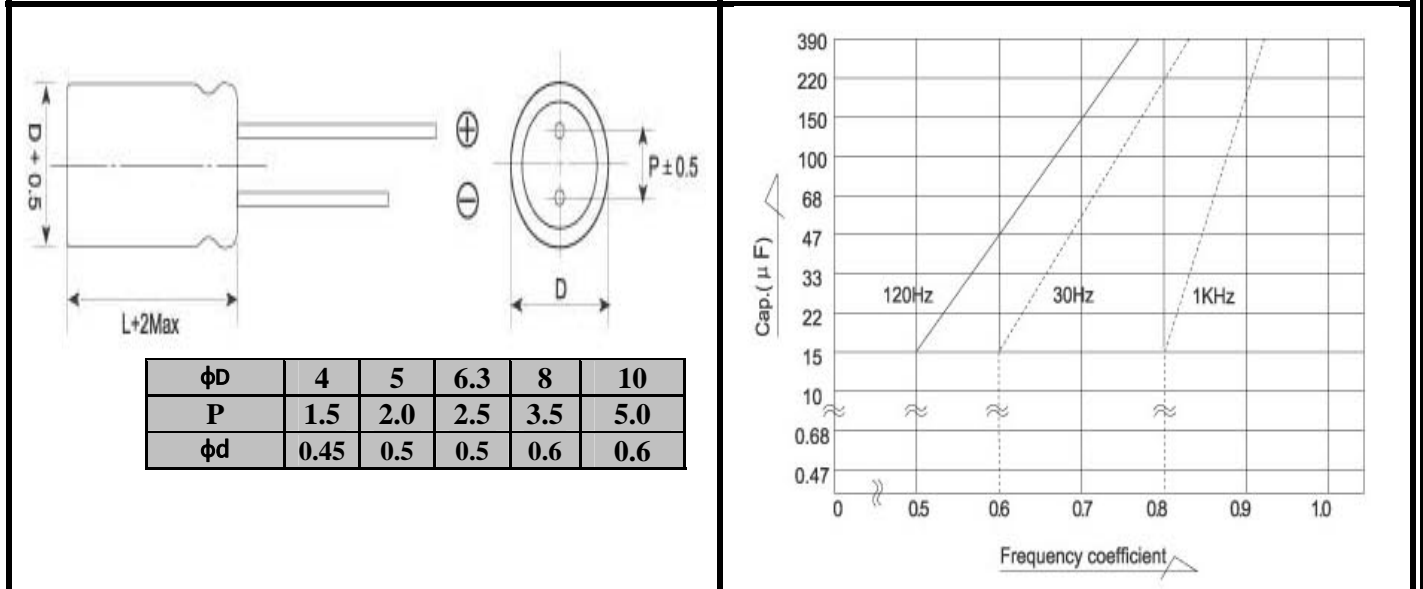
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■ DIMENSIONS(mm)

■ Frequency coefficient of allowable ripple current(100KHz=1)



◆ Standard Ratings

V	6.3			10			16			25			35		
uF	0J			1A			1C			1E			1V		
4.7													4x7	0.64	230
10													5x7	0.33	350
22				4x7	0.49	230	5x7	0.27	350	4x7	0.52	230	6.3x7	0.17	480
33	4x7	0.48	230	5x7	0.26	350	5x7	0.26	350	5x7	0.27	350	6.3x7	0.16	480
47	5x7	0.26	350	5x7	0.26	350	6.3x7	0.15	480	6.3x7	0.16	480	6.3x11	0.089	640
100	6.3x7	0.15	480	6.3x7	0.15	480	6.3x11	0.078	640	6.3x7	0.15	480	8x11.5	0.048	910
220	6.3x11	0.077	640	6.3x12	0.044	910	6.3x12	0.044	910	6.3x11	0.078	640	10x12	0.026	1650
330	8x11.5	0.043	910	8x11.5	0.043	910	8x12	0.030	1230	10x12.5	0.031	1230			
470	8x11.5	0.043	910	8x12.5	0.030	1230	10x12	0.025	1650	10x16	0.026	1650			
1000	10x16	0.024	1650												

Case Size $\phi D \times L$ (mm) Impedance(Ω , 20°C/100Hz) Ripple current(mA, 105°C/100Hz)

◆ HOW TO ORDER

(Note: Below two order methods only is a reference, you can use any order method you consider convenience. Below example only tell you product key order parameters)

A, Use UB P/N as below:

ACM-CD288L	0J	330	M	004007	R	CC
Capacitor Type	Rated Voltage	Rated Capacitance	Capacitance Tolerance	Size Code	Terminal Type	Lead Forming

Please refer document "How to order UB Aluminum electrolytic capacitor" for details

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B, Fill in your requirement in the blank:

Capacitor Type	Rated Voltage (VDC or VAC)	Rated Capacitance	Capacitance Tolerance	D/L/d(ϕ) (unit: mm)	Terminal Type (Vertical, Radial, Snap in, Lug, Screw, SMD)	Lead forming (1, Forming cut; 2, Straight cut; 3, Kink forming; 4, Kink cut; 5, Axial; 6, SMD)	Packaging Mode (bulk or Reel-pack or Ammo-pack)

Please see below an example:

Capacitor Type	Rated Voltage (VDC or VAC)	Rated Capacitance	Capacitance Tolerance	D/L/d(ϕ) (unit: mm)	Terminal Type (Vertical, Radial, Snap in, Lug, Screw, SMD)	Lead forming (1, Forming cut; 2, Straight cut; 3, Kink forming; 4, Kink cut; 5, Axial; 6, SMD)	Packaging Mode (bulk or Reel-pack or Ammo-pack)
ACM-CD288L	6.3VDC	33 μ F	$\pm 20\%$	4/7	Radial	Straight cut	Bulk