

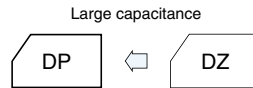
Large capacitance, High energy type Capacitors

GREEN CAP

60°C

Low ESR

- Most suitable for energy storage and power applications with high capacity and low resistance.
- Terminals arranged in the same orientation provide easy connection.
- Unlike batteries, safe and high reliability without containing active and hazardous substances.
- Unlike batteries, excellent charge and discharge characteristics with no chemical reactions.



Marking color : White print on a black sleeve

Specifications

Item	Performance	
Category temperature range (°C)	-25 to +60	
Tolerance at rated capacitance (%)	-20 to +20	
Internal resistance at 1 kHz	Rated Capacitance (F)	500 600
	Internal resistance (mΩ)	12 10
Characteristics at high and low temperature	Percentage of capacitance change	Within ±30% of value at 20°C
	Internal resistance	Less than five times of the value at 20°C
Endurance (60°C)	Test time	2000 hours
	Percentage of capacitance change	Within ±30% of the initial measured value
	Internal resistance	Within four times of the initial specified value
Shelf life (60°C)	Test time :2000 hours ; Same as endurance.	

Outline Drawing

Unit: mm

Capacitance	500F	600F
φ D	35.0	35.0
L	85.0	105.0
F	12.7	12.7

Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	φ DxL(mm)	Internal resistance(mΩ) at 1kHz (measurement value)
2.5	500	DP-2R5D507A85	35.0x85.0	4.0
2.5	600	DP-2R5D607AA5	35.0x105.0	3.2

* Internal resistance are not guaranteed values, but measurement value.

* We tailor packaged product in series and parallel arrangements according to voltage and capacitance as required.

Part numbering system (example: 2.5V600F)

DP	—	2R5	D	607	AA5
Series code		Rated voltage symbol		Rated capacitance symbol	Casing symbol