

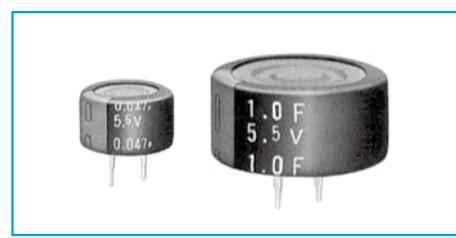
## 5.5V Wide Temperature Range Capacitors

GREEN CAP

85°C

- It is a category temperature range larger than battery.
- φ13.5 size can encase up to 0.22F, φ21.5 size can encase up to 1.0F.
- It excels in rapid charge.
- Ideal for backing up of CMOS IC's, microcomputers, RAM's, RTC's for smart meter, outdoor equipment, auto motive and industrial.

Wide temperature range



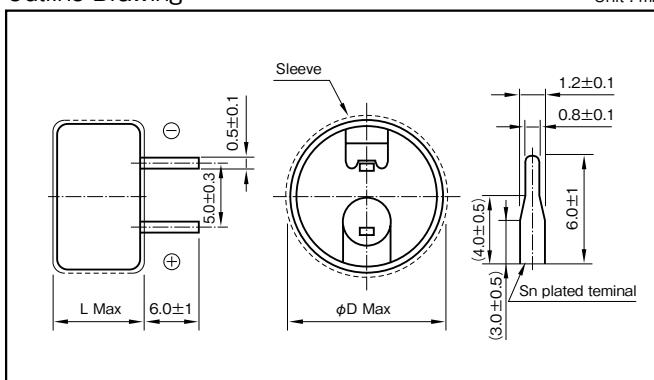
Marking color : White print on an indigo sleeve

## Specifications

Item	Performance												
Category temperature range (°C)	-40 to +85												
Tolerance at rated capacitance (%)	-20 to +80												
Internal resistance at 1 kHz	Rated capacitance (F)	0.047	0.1	0.22	0.47	0.68	1						
	Internal resistance (Ω Max.)	40	40	40	20	20	20						
Characteristics at high and low temperature	Percentage of capacitance change	Within ±30% of the value at 20°C											
	Internal resistance	-40°C : Less than seven times of the value at 20°C 85°C : Less than five times of the value at 20°C											
Endurance (85°C)	Test time	1000 hours											
	Percentage of capacitance change	Within ±30% of the initial measured value											
	Internal resistance	Less than four times of the initial specified value											
Shelf life (85°C)	Test time : 1000 hours ; Same as endurance.												
Applicable standards	Conforms to JIS C5160-1 2009 (IEC 62391-1 2006)												

## Outline Drawing

Unit : mm



## Part numbering system (example : 5.5V0.1F)

DHL	—	5R5	D	104	T
Series code		Rated voltage symbol	Terminal code	Rated capacitance symbol	

Part number is refer to following table.

## Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD×L (mm)
5.5	0.047	DHL-5R5D473T	13.5×9.5
5.5	0.1	DHL-5R5D104T	13.5×9.5
5.5	0.22	DHL-5R5D224T	13.5×9.5
5.5	0.47	DHL-5R5D474T	21.5×9.5
5.5	0.68	DHL-5R5D684T	21.5×9.5
5.5	1	DHL-5R5D105T	21.5×9.5