

## 5.5V SMD, Low Resistance Capacitors

GREEN CAP

70°C

- Size :  $\phi 12.5 \times 8.5$ mm, compatible with surface mounting and low ESR.
- Unlike batteries, safe and high reliability without containing active and hazardous substance.
- Unlike batteries, excellent charge and discharge characteristics with no chemical reactions.
- Responds to temperature 260°C during the reflow peek.



Marking color : White print on an brown sleeve

Convert to chip

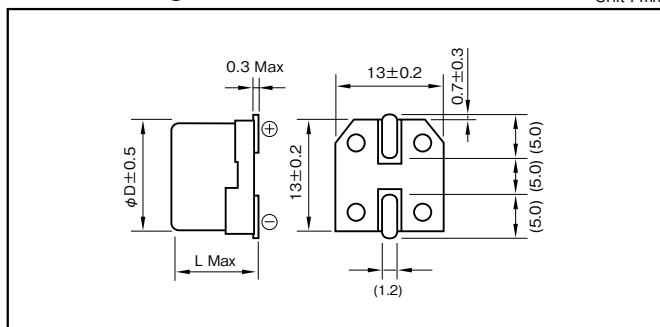


### Specifications

Item	Performance				
Category temperature range (°C)	- 25 to +70				
Tolerance at rated capacitance (%)	- 20 to +80				
Internal resistance at 1 kHz	Rated capacitance (F)	0.047	0.1	0.22	0.33
	Internal resistance ( $\Omega$ Max.)	30	30	30	30
Characteristics at high and low temperature	Percentage of capacitance change	Within $\pm 30\%$ of the value at 20°C			
	Internal resistance	Less than five times of the value at 20°C			
Endurance (70°C)	Test time	1000 hours			
	Percentage of capacitance change	Within $\pm 30\%$ of the initial measured value			
	Internal resistance	Less than four times of the initial specified value			
Shelf life (70°C)	Test time : 1000 hours ; Same as endurance.				
Applicable standards	Conforms to JIS C5160-1 2009 (IEC 62391-1 2006)				

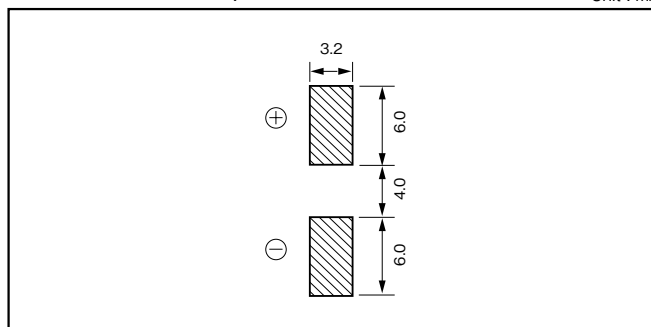
### Outline Drawing

Unit : mm



### Recommended land pattern size

Unit : mm



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

DVN	—	5R5	D	104	T	—	R5
Series code		Max. operating voltage symbol	Terminal code	Rated capacitance symbol			Taping symbol

Part number is refer to following table.

### Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	$\phi D \times L$ (mm)
5.5	0.047	DVN-5R5D473T-R5	12.5 × 8.5
5.5	0.1	DVN-5R5D104T-R5	12.5 × 8.5
5.5	0.22	DVN-5R5D224T-R5	12.5 × 8.5
5.5	0.33	DVN-5R5D334T-R5	12.5 × 8.5

\*soldering conditions are described on page 191.