

## 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

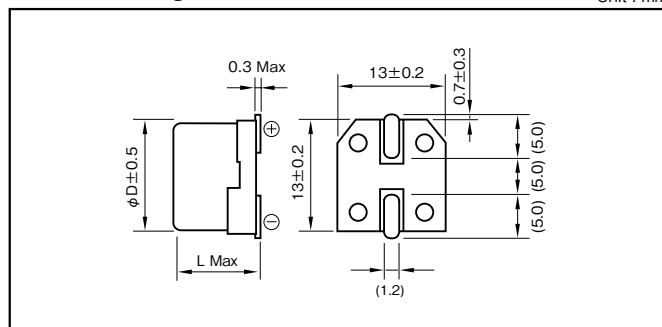


### Specifications

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)				

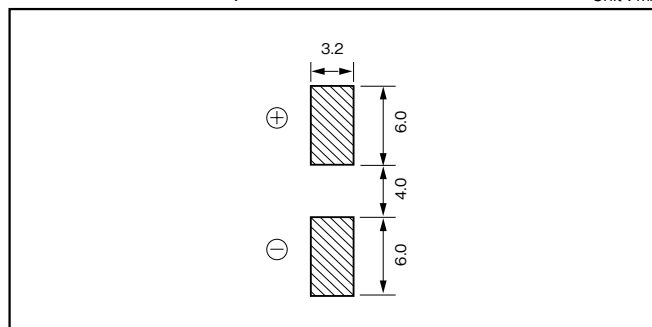
### Outline Drawing

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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Supercapacitors](#) / [Ultracapacitors](#) category:*

*Click to view products by [Elna](#) manufacturer:*

Other Similar products are found below :

[C-TEC1225 P](#) [LX055105A](#) [SCCY73B407SLBLE](#) [CDCL3000C0-002R85STB](#) [MDCM0058C0-0016R0TBZ](#) [FE0H473ZF](#) [MAL223551012E3](#)  
[MAL223551014E3](#) [MAL223551015E3](#) [MAL223551016E3](#) [MAL223551006E3](#) [MAL223551007E3](#) [MAL223551001E3](#) [MAL223551008E3](#)  
[MAL219612474E3](#) [MAL219632473E3](#) [DRE10/2.5](#) [DRL106S0TI25RRDAP](#) [DRL226S0TK25RR](#) [106DCN2R7M](#) [SCCT30B156SRB](#)  
[SCMR14C474MSBA0](#) [SCMR22C155MSBA0](#) [FT0H225ZF](#) [GW209F](#) [TV1020-3R0605-R](#) [SCCX50B207VSB](#) [PAS0815LS2R5105](#)  
[HVZ0E475NF](#) [SCMR18F105PSBA0](#) [FT0H565ZF](#) [FE0H224ZF](#) [FCS0H473ZFTBR24](#) [SCCT30E156SRB](#) [MAL222090006E3](#)  
[SCCY68B407SSBLE](#) [CPH3225A-2K](#) [SCMT22C505PRBA0](#) [207DCN2R7M](#) [DB5U307W35050HA](#) [DB5U407W35060HA](#) [DGH505Q5R5](#)  
[DGH505Q2R7](#) [DGH705Q2R7](#) [DGH506Q2R7](#) [DGH357Q2R7](#) [DGH335Q2R7](#) [DGH256Q2R7](#) [DGH255Q5R5](#) [DGH207Q2R7](#)