

3.6V SMD, High Temperature range Capacitors

GREEN
CAP

SMD

85°C

- Size : $\phi 12.5 \times 8.5$ mm, compatible with surface mounting.
- Wide temperature range (-25 to 85°C), 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 peak.
- Ideal for industrial, smart meter, backing up of RTC's for surveillance camera, momentary power assistance of a battery, automotive etc.



Marking color : White print on a brown sleeve

Convert to chip

CVS



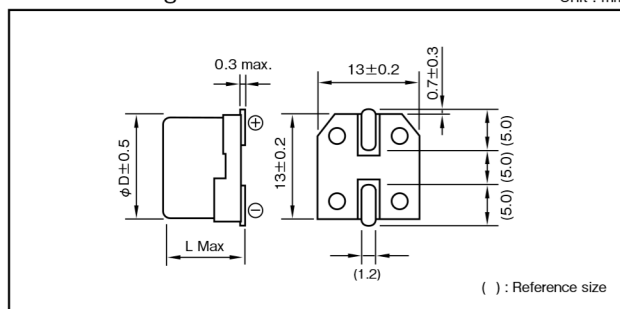
CBS

Specifications

Item	Performance				
Category temperature range (°C)	- 25 to +85				
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 (Ω Max.)	30	30	30	30
Characteristics at high and low temperature	Percentage of capacitance change	Within ±30% of the value at 20°C			
	Internal resistance	Five times or less of the value at 20°C			
Endurance (85°C)	Test time	2000 hours			
	Percentage of capacitance change	Within ±30% of the initial measured value			
	Internal resistance	Four times or less of the initial specified value.			
Shelf life (85°C)	Test time : 1000 hours ; Same as endurance.				
Applicable standards	Conforms to JIS C5160 - 1 (IEC 62391 - 1)				

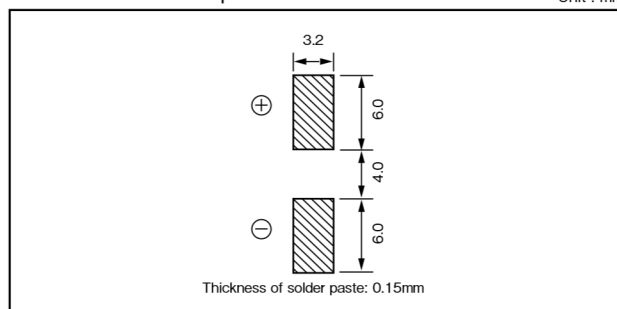
Outline Drawing

Unit : mm



Recommended land pattern size

Unit : mm



Product code system : 3.6V0.22F (*For general product)

RS*	CVS	224	3R6	G08	012	T
Category code	Series code	capacitance code	Voltage code	Size code	Taping and packing code	Additional code

Product code is refer to following table and "Product Code System" pages.

Standard Ratings

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	$\phi D \times L$ (mm)
3.6	0.047	RSCVS4733R6G08012T	12.5×8.5
3.6	0.1	RSCVS1043R6G08012T	12.5×8.5
3.6	0.22	RSCVS2243R6G08012T	12.5×8.5
3.6	0.33	RSCVS3343R6G08012T	12.5×8.5

*soldering conditions are described on Individual page.

*It can discharge with 1.5 times as much current (mA) as rated capacitance.

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.