

## Chip Type, 125°C Use, High CV, Long Life Capacitors

GREEN CAP

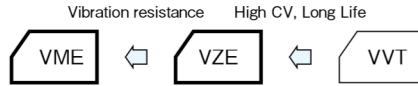
SMD

Low ESR

125°C  
2000hours

Anti-cleaning solvent

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guaranteed 2000 hours at 125°C.



Marking color : Black print

### Specifications

Item	Performance		
Category temperature range (°C)	-40 to +125		
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)		
Leakage current (µA) (max.)	0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (µF) ; V : Rated voltage (V) (20°C)		
Tangent of loss angle (tanδ)	Rated voltage (V)	35	
	tanδ (max.)	0.14 (20°C, 120Hz)	
Characteristics at high and low temperature	Rated voltage (V)	35	
	Impedance Ratio (max.)	Z-25°C/Z+20°C	2
		Z-40°C/Z+20°C	3 (120Hz)
Endurance (125°C) (Applied ripple current)	Test time	2000 hours	
	Leakage current	The initial specified value or less	
	Percentage of capacitance change	Within ±30% of initial value	
	Tangent of the loss angle	300% or less of the initial specified value	
Shelf life (125°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1		
Applicable standards	JIS C5101 - 1, - 18 (IEC 60384 - 1, - 18)		

### Coefficient of Frequency for Rated Ripple Current

Frequency (Hz)	120	1k	10k	100k
Rated voltage(V)				
35	0.77	0.88	0.96	1

Refer to individual page.  
(Soldering conditions, Land pattern size, The taping specifications)

For details, refer to the various "Product Code System" pages.

### Product code system (\*For general product)

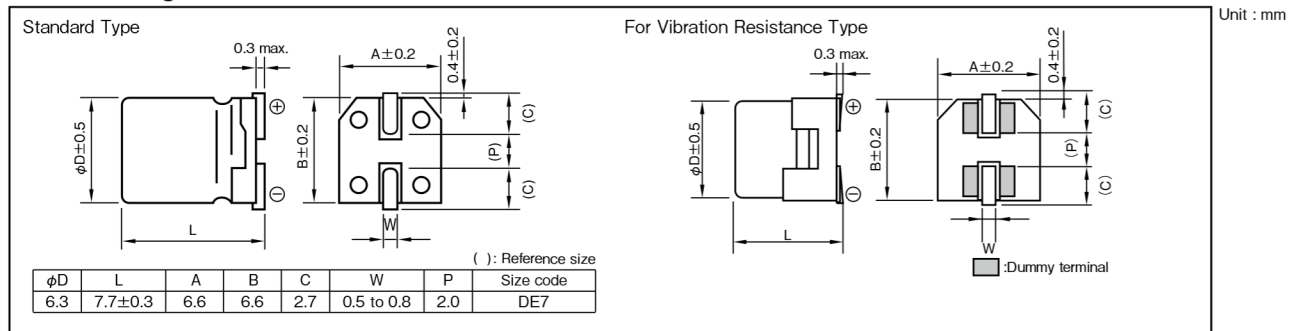
Standard Type (example : 35V47µF)

RS*	VZE	470	M	1G	DE7		U
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code	Additional code

For Vibration Resistance Type (example : 35V47µF)

RS*	VME	470	M	1G	DE7		U
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code	Additional code

### Outline Drawing



### Standard Ratings

Rated voltage (V)	Item	35 (1G)			Rated ripple current (mA rms)
		Case	ESR (Ω max.)		
Rated capacitance (µF)	φD × L (mm)	20°C	-40°C	After Endurance -40°C	
47	6.3 × 7.7	0.30	3	6	240
100	6.3 × 7.7	0.30	3	6	240

(Note) Rated ripple current : 125°C, 100kHz  
ESR : 100kHz

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.