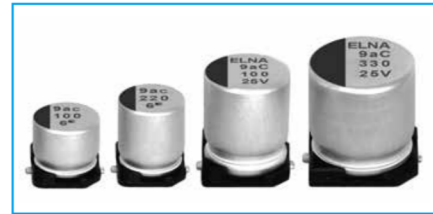
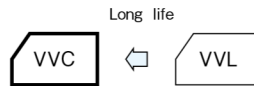


**Chip Type, 105°C Use, Long Life Capacitors**

GREEN CAP SMD 105°C 3000hours Anti-cleaning solvent

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guarantees 3000 hours at 105°C. (10L:5000 hours).



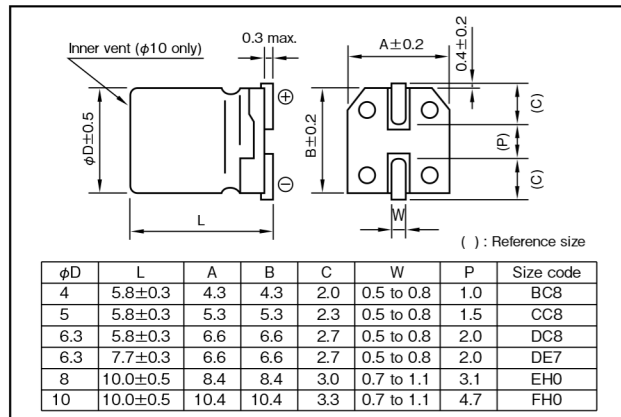
Marking color : Black print

**Specifications**

Item	Performance	
Category temperature range (°C)	-40 to +105	
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)	
	tanδ (max.)	
Characteristics at high and low temperature	Rated voltage (V)	
	Impedance ratio (max.)	Z-25°C/Z+20°C
		Z-40°C/Z+20°C
Endurance (105°C) (Applied ripple current)	Test time	
	Leakage current	
	Percentage of capacitance change	
	Tangent of the loss angle	
Shelf life (105°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)	

**Outline Drawing**

Unit : mm



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

**Coefficient of Frequency for Rated Ripple Current**

Rated voltage (V)	Frequency (Hz)			
	50 · 60	120	1k	10k · 100k
6.3 to 16	0.80	1	1.15	1.25
25 to 35	0.80	1	1.25	1.40
50	1 to 3.3μF	0.50	1	1.35
	4.7 or more	0.70	1	1.35

Product code system : 16V47μF (\*For general product)

RS*	VVC	470	M	1E	DC8	U
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code

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

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.

Standard Ratings

Rated voltage (V) Rated capacitance (μF)	Item	6.3 (1J)			10 (1L)			16 (1E)			25 (1T)			35 (1G)			50 (1U)		
		Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )	Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )	Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )	Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )	Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )	Case φD×L(mm)	Size code	Rated ripple current (mA <sub>rms</sub> )
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	4×5.8	BC8	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
33	—	—	—	5×5.8	CC8	43	—	—	—	—	—	—	—	—	—	—	—	—	—
47	5×5.8	CC8	46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
100	6.3×5.8	DC8	71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
220	6.3×7.7	DE7	101	8×10	EH0	160	—	—	—	—	—	—	—	—	—	—	—	—	—
330	8×10	EH0	230	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
470	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1000	10×10	FH0	313	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(Note) Rated ripple current : 105°C, 120Hz