

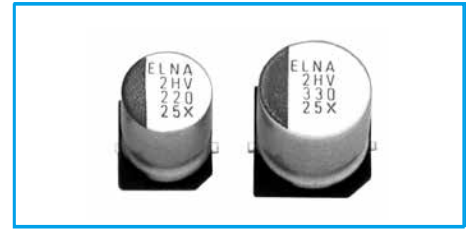
Chip Type, 135°C Capacitors

- GREEN CAP
- SMD
- 135°C
1000hours
- Anti-cleaning solvent

- Compatible with surface mounting.
- Supplied with carrier taping.
- Guarantees 1000 hours 135°C.



High temperature ↑



Marking color : Black print

Specifications

Item	Performance			
Category temperature range (°C)	-40 to +135			
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)			
Leakage current (µA)	Less than 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)	25	35	
	tanδ (max.)	0.24	0.20	
Characteristics at high and low temperature	Rated voltage (V)	25	35	
	Impedance Ratio (max.)	Z-25°C/Z+20°C	2	2
		Z-40°C/Z+20°C	3	3
Endurance (135°C)	Test time	1000 hours		
	Leakage current	The initial specified value or less		
	Percentage of Capacitance change	Within ±30% of initial value		
	Tangent of loss angle	300% or less of the initial specified value		
Shelf life (135°C)	Test time : 500hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4			
Applicable standards	JIS C5101-1 1998, -18 1999 (IEC 60384-1 1992, -18 1993)			

Coefficient of Frequency for Rated Ripple Current

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

- Soldering conditions are described on page 15.
- Land pattern size are described on page 13.
- The taping specifications are described on page 16.

Part numbering system (example : 25V330µF)

Standard Type					
RVX	—	25	V	331	M H10 U — □
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol Casing symbol Taping symbol

For Vibration Resistance Type					
RTX	—	25	V	331	M H10 U — □
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol Casing symbol Taping symbol

Outline Drawing

Standard Type

For Vibration Resistance Type (φ8X10, φ10X10)

Unit : mm

φD	L	A	B	C	W	P	Casing symbol
8	10±0.5	8.4	8.4	3.0	0.7 to 1.1	3.1	G10
10	10±0.5	10.4	10.4	3.3	0.7 to 1.1	4.7	H10

() : Reference size

Standard Ratings

Rated voltage (V)	Item	25				35			
		Case	Casing symbol	ESR (Ω max.)	Rated ripple current (mAmps)	Case	Casing symbol	ESR (Ω max.)	Rated ripple current (mAmps)
22	—	8 × 10	G10	0.70	115	8 × 10	G10	0.70	115
		10 × 10	H10	0.50	155	10 × 10	H10	0.50	155
33	—	8 × 10	G10	0.70	115	8 × 10	G10	0.70	115
		10 × 10	H10	0.50	155	10 × 10	H10	0.50	155
47	—	8 × 10	G10	0.70	115	8 × 10	G10	0.70	115
		10 × 10	H10	0.50	155	10 × 10	H10	0.50	155
100	—	8 × 10	G10	0.70	115	8 × 10	G10	0.70	115
		10 × 10	H10	0.50	155	10 × 10	H10	0.50	155
220	—	8 × 10	G10	0.70	115	10 × 10	H10	0.50	155
		10 × 10	H10	0.50	155	—	—	—	—
330	—	10 × 10	H10	0.50	155	—	—	—	—

(Note) Rated ripple current : 135°C, 100kHz
ESR : 20°C, 100kHz