

RVX, RTX VERTICAL CHIP TYPE ALUMINUM ELECTROLYTIC CAPACITORS ELNA

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) (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)	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) (Applied ripple current)	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 4.1			
Applicable standards	JIS C5101 - 1, - 18 (IEC 60384 - 1, - 18)			

Coefficient of Frequency for Rated Ripple Current

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

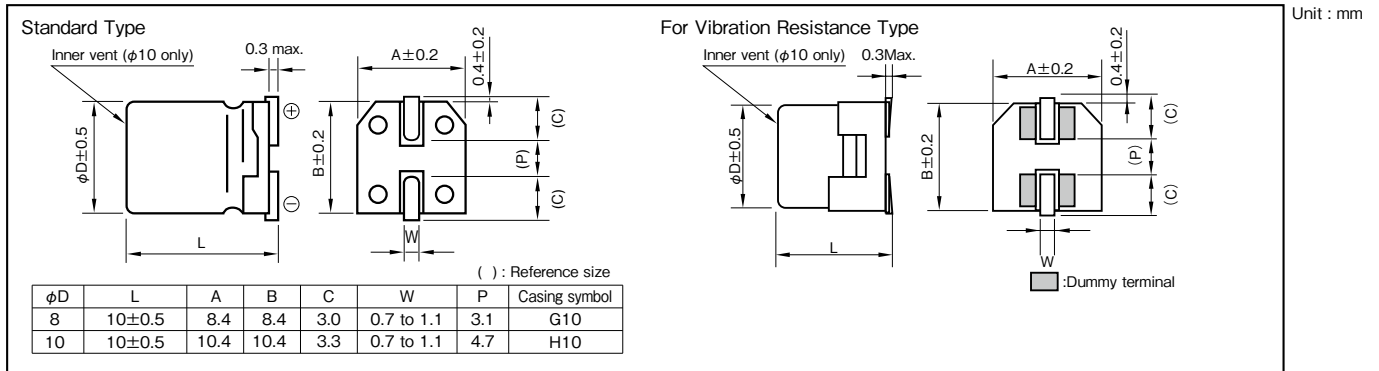
Refer to individual page.
(Soldering conditions, Land pattern size, The taping specifications)

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 Ratings

Rated voltage (V) \ Rated capacitance (µF)	25				35			
	Case φD × L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mArms)	Case φD × L (mm)	Casing symbol	ESR (Ω max.)	Rated ripple current (mArms)
22	—	—	—	—	8 × 10	G10	0.70	115
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

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.