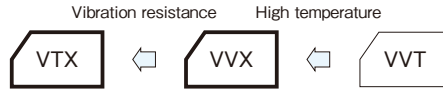


Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

- Compatible with surface mounting, high temperature capacitors.
- Environmental : GREEN CAP™, RoHS compliance.
- Supplied with carrier taping.
- Guaranteed 1000 hours 135°C.



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	
	tanδ (max.)	0.24	
Characteristics at high and low temperature	Rated voltage (V)	25	
	Impedance Ratio (max.)	Z-25°C/Z+20°C	2
		Z-40°C/Z+20°C	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

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

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

Product code system : 25V330µF (*For general product)

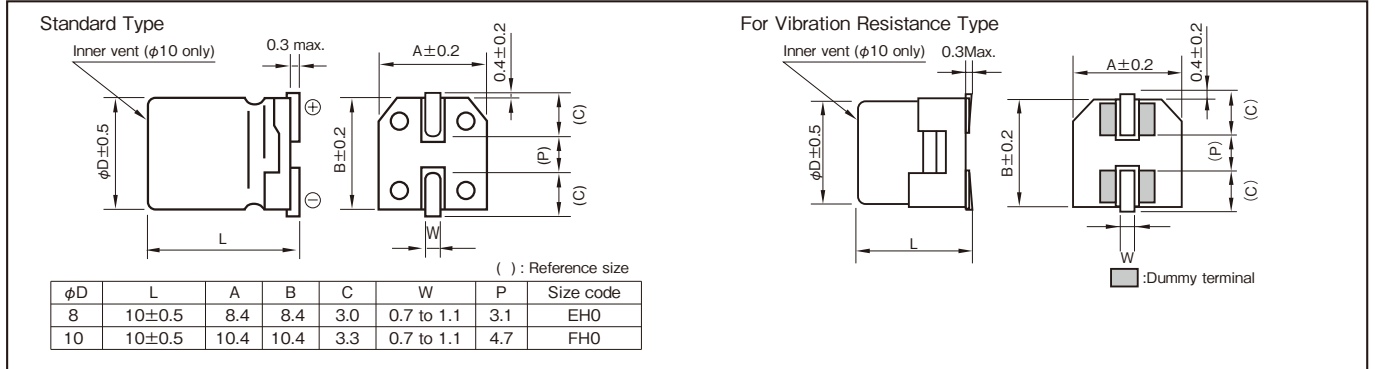
Standard Type							
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code	Additional code
RS*	VVX	331	M	1T	FH0	002	U

For Vibration Resistance Type							
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Taping and packing code	Additional code
RS*	VTX	331	M	1T	FH0	002	U

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

Outline Drawing

Unit : mm



Standard Ratings

Rated voltage (V)	25 (1T)				35 (1G)			
	Case	Size code	ESR (Ω max.)	Rated ripple current (mArms)	Case	Size code	ESR (Ω max.)	Rated ripple current (mArms)
22	8 × 10	EH0	0.70	115	8 × 10	EH0	0.70	115
	10 × 10	FH0	0.50	155	10 × 10	FH0	0.50	155
33	8 × 10	EH0	0.70	115	8 × 10	EH0	0.70	115
	10 × 10	FH0	0.50	155	10 × 10	FH0	0.50	155
47	8 × 10	EH0	0.70	115	8 × 10	EH0	0.70	115
	10 × 10	FH0	0.50	155	10 × 10	FH0	0.50	155
100	8 × 10	EH0	0.70	115	8 × 10	EH0	0.70	115
	10 × 10	FH0	0.50	155	10 × 10	FH0	0.50	155
220	8 × 10	EH0	0.70	115	10 × 10	FH0	0.50	155
	10 × 10	FH0	0.50	155	10 × 10	FH0	0.50	155
330	10 × 10	FH0	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.