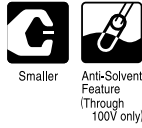
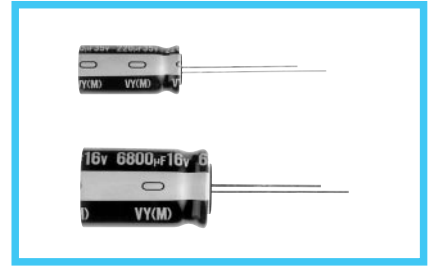
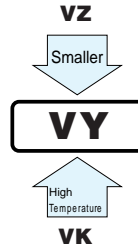


**VY** Wide Temperature Range series



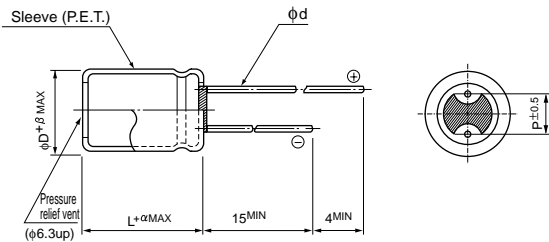
- One rank smaller case sizes than VZ series.



## Specifications

Item	Performance Characteristics	
Category Temperature Range	-55 ~ +105°C (6.3 ~ 100V), -40 ~ +105°C (160 ~ 400V), -25 ~ +105°C (450V)	
Rated Voltage Range	6.3 ~ 450V	
Rated Capacitance Range	0.1 ~ 68000μF	
Capacitance Tolerance	±20% at 120Hz, 20°C	
Leakage Current	Rated voltage (V)	6.3 ~ 100
		160 ~ 450
tan δ	For capacitance of more than 1000μF, add 0.02 for every increase of 1000μF. Measurement frequency : 120Hz, Temperature : 20°C	
	Rated voltage (V)	6.3 10 16 25 35 50 63 100 160 ~ 250 350 ~ 450
Stability at Low Temperature	Measurement frequency : 120Hz	
	Rated voltage (V)	6.3 10 16 25 35 ~ 50 63 ~ 100 160 ~ 200 250 ~ 350 400 450
Endurance	After 1000 hours' application of rated voltage at 105°C, capacitors meet the characteristic requirements listed at right.	
	Capacitance change	tan δ
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for endurance characteristics listed above.	
	Printed with white color letter on black sleeve.	

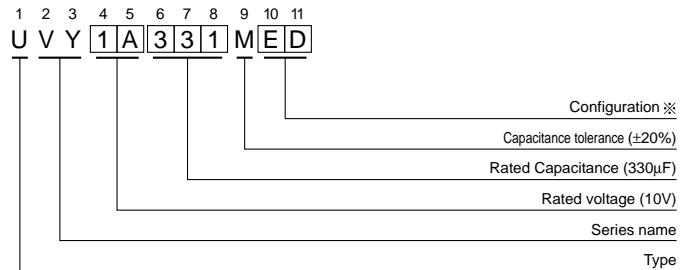
## Radial Lead Type



φD	5	6.3	8	10	12.5	16	18	20	22	25
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10.0	10.0	12.5
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8	1.0	1.0	1.0
β	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0

α	(L < 20)	1.5
	(L ≥ 20)	2.0

## Type numbering system (Example : 10V 330μF)



※ Configuration

φ D	Pb free lead finishing Pb free PET sleeve
5	DD
6.3	ED
8 - 10	PD
12.5 - 18	HD
20 - 25	RD

※ Please contact to us if other configurations are required.

The laminated case is also available upon request.  
Please refer to page 19, 20, 21 about the formed or taped product spec.  
Please refer to page 3 for the minimum order quantity.

● Dimension table in next page.

