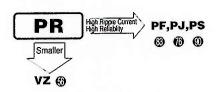
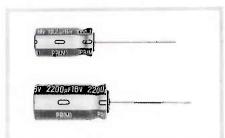
## ALUMINUM ELECTROLYTIC CAPACITORS

Standard, For Switching Power Supplies series



- Same case sizes as VX series, but operating at higher temperature range up to +105 C
- Designed specifically for use in switching power supplies.



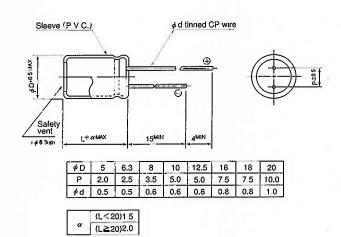


nichicon

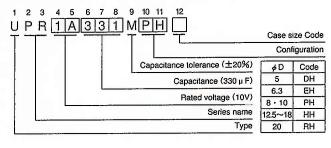
## **■**Specifications

Item	Performance Characteristics														
Operating Temperature Range	-55~+105 C (6.3~100V), -40~+105 C (160~400V), -25 ~+105 C (450V)														
Voltage Range	6 3~450V														
Capacitance Range	0.47~22000 µ F	.,													
Capacitance Tolerance	±20% at 120Hz	, 20°C													
Leakage Current	Rated voltage (V)	6.3~100									160~450				
	Leakage current	After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 4( µ A) , whichever is greater.  After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3( µ A) , whichever is greater.  CV≤1000 : I=0.1CV+40(µ A) max.  (1 minute's)													
tan δ	For capacitance of	more than 1	000 µ F.	add 0.02 fo				μF.					Hz, Temper		
	Rated voltage (V)	6.3 10		16	25		35	5		63	100			400~450	
	tan & (MAX.)	0.26	0.22	0.18	0.16	0	).13	0.1	10	0.09	0.08	0.15	0.20	0.25	
Stability at Low Temperature	Measurement frequency: 120Hz														
	Rated voltage (V)			6.3	10	16			160~200		315~3				
	Impedance ratio	Z-25 C/Z+20 C		4	3	2		2	3	3	8	10	15	4	
	ZT/Z20 (MAX.)	Z-40 C/Z+20 C		8	6	4	نسلت	3	4	6					
Load Life	After an application of D.C. bias voltage plus the rated ripple														
	current for 2000 hours (1000 hours for D=8 or less) at 105 C the peak voltage shall not exceed the rated D.C.										% or less of initial specified value				
										ial specified value or less					
Shelf Life	After leaving capa value for load life	citors under	no load		for 1000 ho	ours, t	hey me	et the	specifi	eđ					
Marking	Printed with white	color letter	on dark	brown sle	eve										
Applicable Standards	JIS C 5141 and JI	S C 5102													

## Radial Lead Type



Type numbering system (Example : 10V 330  $\mu$  F)



Please refer to page 17, 18, 19 about the formed or taped product spec. Please refer to page 3 for the minimum order quantity.

Dimension table in next page.