

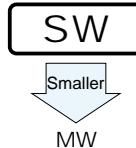
# ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

**SW** 7mmL, For Audio Equipment  
series



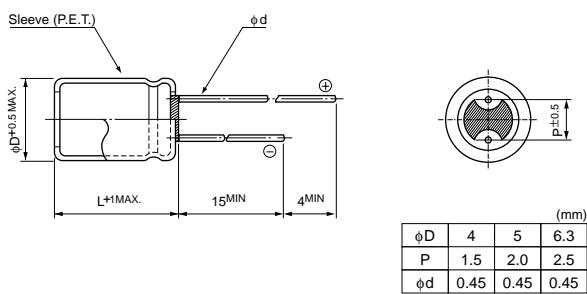
- Acoustic series, with 7mm height.
- Compliant to the RoHS directive (2011/65/EU).



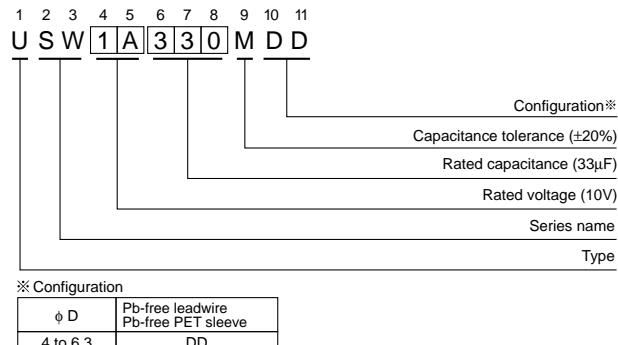
## ■ Specifications

Item	Performance Characteristics												
Category Temperature Range	-40 to +85°C												
Rated Voltage Range	6.3 to 50V												
Rated Capacitance Range	0.1 to 220μF												
Capacitance Tolerance	±20% at 120Hz, 20°C												
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3 (μA), whichever is greater.												
Tangent of loss angle (tan δ)	Measurement frequency : 120Hz at 20°C												
	Rated voltage (V)	6.3	10	16	25	35	50						
	tan δ (MAX.)	0.24	0.20	0.16	0.14	0.12	0.10						
Stability at Low Temperature	Measurement frequency : 120Hz												
	Rated voltage (V)	6.3	10	16	25	35	50						
	Impedance ratio Z-25°C / Z+20°C	4	3	2	2	2	2						
	ZT / Z20 (MAX.) Z-40°C / Z+20°C	8	6	4	4	3	3						
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C.												
	Capacitance change	Within ±20% of the initial capacitance value											
	tan δ	200% or less than the initial specified value											
	Leakage current	Less than or equal to the initial specified value											
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.												
Marking	Printed with black color letter on gold sleeve.												

## ■ Radial Lead Type



Type numbering system (Example : 10V 33μF)



## ■ Dimensions

Cap.(μF) \ V	6.3	10	16	25	35	50
	Code	0J	1A	1C	1E	1H
0.1	0R1					
0.22	R22					
0.33	R33					
0.47	R47					
1	010					
2.2	2R2					
3.3	3R3					
4.7	4R7					
10	100			4 × 7	28	4 × 7
22	220	4 × 7	34	4 × 7	35	4 × 7
33	330	4 × 7	40	4 × 7	43	5 × 7
47	470	4 × 7	48	5 × 7	59	5 × 7
100	101	5 × 7	78	6.3 × 7	87	6.3 × 7
220	221	6.3 × 7	120			

## ● Frequency coefficient of rated ripple current

Frequency	50Hz	120Hz	300Hz	1kHz	10kHz or more
Coefficient	0.70	1.00	1.17	1.36	1.50

Rated ripple current (mA rms) at 85°C 120Hz

Please refer to page 20, 21, 22 about the formed or taped product spec.  
Please refer to page 4 for the minimum order quantity.

CAT.8100C