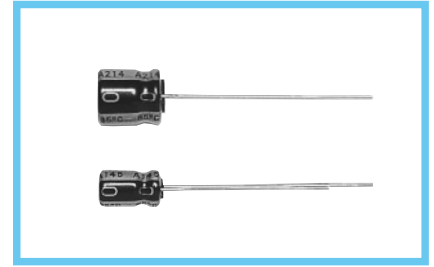
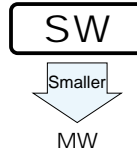


ALUMINUM ELECTROLYTIC CAPACITORS

SW series 7mmL, For Audio Equipment



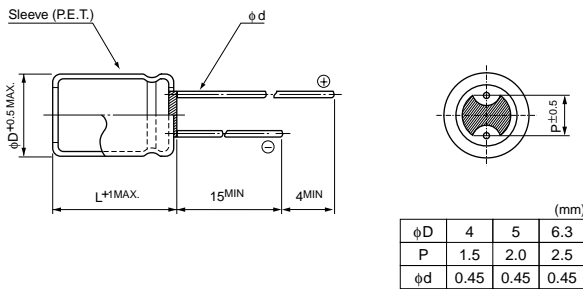
- Acoustic series, with 7mm height.
- Adapted to the RoHS directive (2002/95/EC).



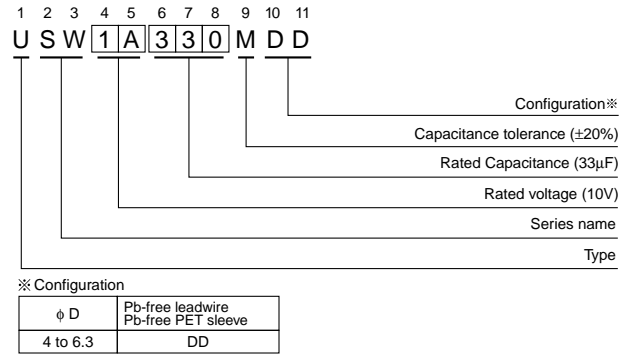
Specifications

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, Temperature : 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 _T / Z ₂₀ (MAX.)	Z _{-25°C} / Z _{+20°C} 4	Z _{-25°C} / Z _{+20°C} 3	Z _{-25°C} / Z _{+20°C} 2	Z _{-25°C} / Z _{+20°C} 2	Z _{-25°C} / Z _{+20°C} 2	Z _{-25°C} / Z _{+20°C} 2
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 initial value					
	tan δ	200% or less of initial specified value					
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.						
	Leakage current	Less than or equal to the initial specified value					
Marking	Printed with black color letter on gold sleeve.						

Radial Lead Type



Type numbering system (Example : 10V 33μF)



Dimensions

Cap. (μF)	Code	6.3		10		16		25		35		50	
		0J		1A		1C		1E		1V		1H	
0.1	0R1											4 × 7	1.0
0.22	R22											4 × 7	2.3
0.33	R33											4 × 7	3.5
0.47	R47											4 × 7	5.0
1	010											4 × 7	10
2.2	2R2											4 × 7	19
3.3	3R3											4 × 7	24
4.7	4R7											4 × 7	28
10	100					4 × 7	28	4 × 7	28	4 × 7	24	4 × 7	38
22	220	4 × 7	34	4 × 7	35	4 × 7	39	5 × 7	48	5 × 7	52	6.3 × 7	58
33	330	4 × 7	40	4 × 7	43	5 × 7	55	5 × 7	58	6.3 × 7	65		
47	470	4 × 7	48	5 × 7	59	5 × 7	65	6.3 × 7	71				
100	101	5 × 7	78	6.3 × 7	87	6.3 × 7	98						
220	221	6.3 × 7	120										
												Case size φD × L (mm)	Rated ripple

Rated Ripple (mArms) at 85°C 120Hz

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

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