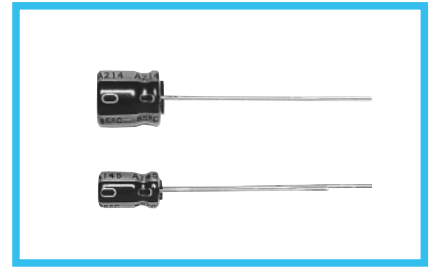
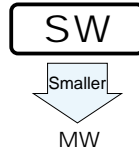


SW 7mmL, For Audio Equipment
series



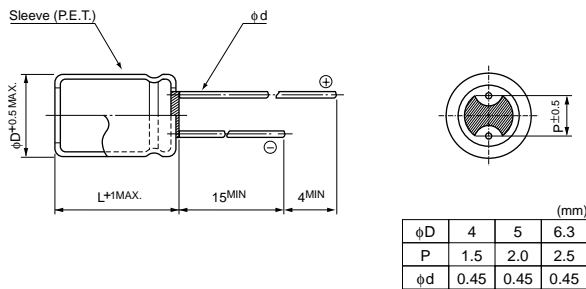
- Acoustic series, with 7mm height.
- Compliant to the RoHS directive (2002/95/EC).



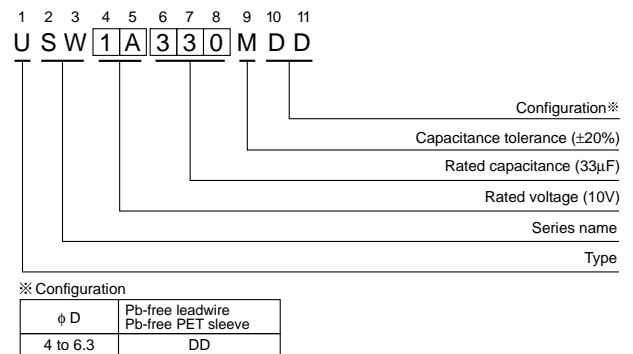
Specifications

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 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

V		6.3		10		16		25		35		50	
Cap.(μF)	Code	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	24	4×7	28
10	100					4×7	28	4×7	28	4×7	31	5×7	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					Case size φD×L (mm)	Rated ripple
220	221	6.3×7	120										

Rated ripple current (mA_{rms}) 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.

Mouser Electronics

Authorized Distributor

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Nichicon:

<u>USW0J101MDD</u>	<u>USW0J220MDD</u>	<u>USW0J221MDD</u>	<u>USW0J330MDD</u>	<u>USW0J470MDD</u>	<u>USW1A101MDD</u>
<u>USW1A220MDD</u>	<u>USW1A330MDD</u>	<u>USW1A470MDD</u>	<u>USW1C100MDD</u>	<u>USW1C101MDD</u>	<u>USW1C220MDD</u>
<u>USW1C330MDD</u>	<u>USW1C470MDD</u>	<u>USW1E100MDD</u>	<u>USW1E220MDD</u>	<u>USW1E330MDD</u>	<u>USW1E470MDD</u>
<u>USW1H010MDD</u>	<u>USW1H100MDD</u>	<u>USW1H220MDD</u>	<u>USW1H2R2MDD</u>	<u>USW1H3R3MDD</u>	<u>USW1H4R7MDD</u>
<u>USW1HR22MDD</u>	<u>USW1HR33MDD</u>	<u>USW1HR47MDD</u>	<u>USW1V100MDD</u>	<u>USW1V220MDD</u>	<u>USW1V330MDD</u>
<u>USW1V4R7MDD</u>	<u>USW1HOR1MDD</u>				