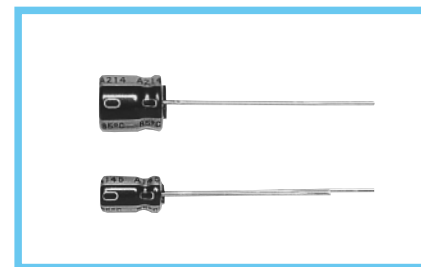
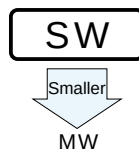


SW 7mmL, For Audio Equipment
series



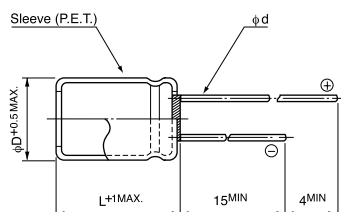
- Acoustic series, with 7mm height.
- Adapted to the RoHS directive (2002/95/EC).



Specifications

Item	Performance Characteristics							
Category Temperature Range	-40 ~ +85°C							
Rated Voltage Range	6.3 ~ 50V							
Rated Capacitance Range	0.1 ~ 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.							
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-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	After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristic requirements listed at right.				Capacitance change		Within ±20% of initial value	
					tan δ		200% or less of initial specified value	
					Leakage current		Initial specified value or less	
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.							
Marking	Printed with black color letter on gold sleeve.							

Radial Lead Type



	4	5	6.3
φD	4	5	6.3
P	1.5	2.0	2.5
φd	0.45	0.45	0.45

Type numbering system (Example : 10V 33μF)

1	2	3	4	5	6	7	8	9	10	11
U	S	W	1	A	3	3	0	M	D	D
			Configuration※							
			Capacitance tolerance (±20%)							
			Rated Capacitance (33μF)							
			Rated voltage (10V)							
			Series name							
			Type							
※ Configuration										
φ D		Pb-free leadwire Pb-free PET sleeve								
4 ~ 6.3		DD								

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	29
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						
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~
Coefficient	0.70	1.00	1.17	1.36	1.50

Please refer to page 21, 22, 23 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.