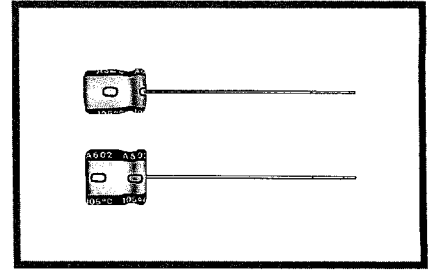


SV 7mmL, Long Life Assurance series



- Extended load life of 5000 hours at +105°C, with 7mm height.

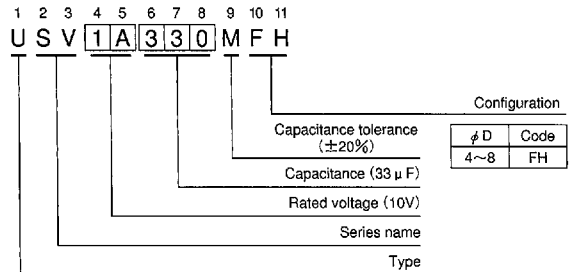
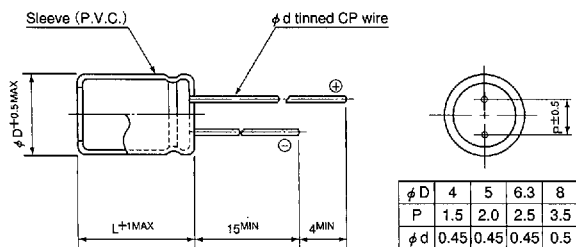


Specifications

Item	Performance Characteristics						
Operating Temperature Range	-40~+105°C						
Voltage Range	6.3~50V						
Capacitance Range	0.1~220 μF						
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	0.21	0.18	0.15	0.13	0.12
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.)	8	6	4	3	3	3
Load Life	After 5000 hours' application of rated voltage at 105°C, capacitors meet the characteristics requirements listed at right.		Capacitance change		Within ±30% of initial value		
			tan δ		300% or less of initial specified value		
			Leakage current		Initial specified value or less		
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for load life characteristics listed above.						
Marking	Printed with silver color letter on dark brown sleeve.						
Applicable Standards	JIS C-5141 and JIS C-5102.						

Radial Lead Type

Type numbering system (Example : 10V 33 μF)



Dimensions

Cap. (μF)	Code	V										DXL(mm)	
		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	24	5×7	29
10	100					4×7	29	5×7	33	5×7	36	6.3×7	44
22	220	4×7	34	5×7	38	5×7	44	6.3×7	51	6.3×7	57	8×7	65
33	330	5×7	42	5×7	47	6.3×7	57	6.3×7	63	8×7	72		
47	470	5×7	50	6.3×7	59	6.3×7	68	8×7	78				
100	101	6.3×7	77	8×7	96	8×7	107						
220	221	8×7	130										

Allowable Ripple (mA rms) at 105°C 120Hz