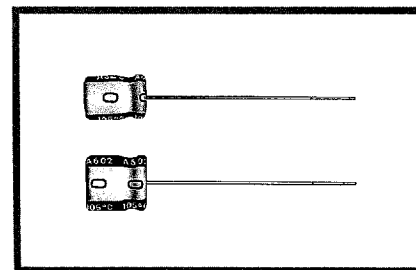


SV 7mmL, Long Life Assurance
series



- Extended load life of 5000 hours at $+105^{\circ}\text{C}$, with 7mm height.

ST $\rightarrow$ Long Life $\rightarrow$ **SV**

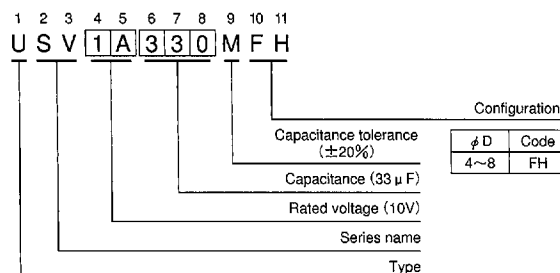
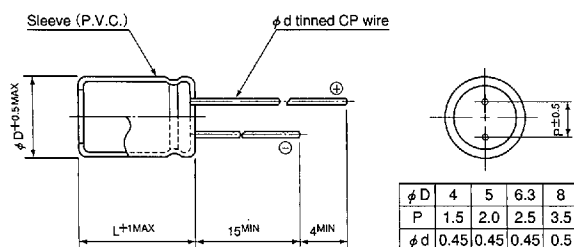


Specifications

Item	Performance Characteristics							
Operating Temperature Range	-40~+105℃							
Voltage Range	6.3~50V							
Capacitance Range	0.1~220 μF							
Capacitance Tolerance	±20% at 120Hz, 20℃							
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℃							
	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℃/Z+20℃	4	3	2	2	2	2
	ZT/Z20 (MAX.)	Z-40℃/Z+20℃	8	6	4	3	3	3
Load Life	After 5000 hours' application of rated voltage at 105℃ , 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℃ 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

Dimensions												DXL(mm)	
V		6.3		10		16		25		35		50	
Cap. (μ F)	Code	0J		1A		1C		1E		1V		1H	
0.1	0R1											4X7	1.0
0.22	R22											4X7	2.3
0.33	R33											4X7	3.5
0.47	R47											4X7	5.0
1	010											4X7	10
2.2	2R2											4X7	19
3.3	3R3											4X7	24
4.7	4R7									4X7	24	5X7	29
10	100					4X7	29	5X7	33	5X7	36	6.3X7	44
22	220	4X7	34	5X7	38	5X7	44	6.3X7	51	6.3X7	57	8X7	65
33	330	5X7	42	5X7	47	6.3X7	57	6.3X7	63	8X7	72		
47	470	5X7	50	6.3X7	59	6.3X7	68	8X7	78				
100	101	6.3X7	77	8X7	96	8X7	107						
220	221	8X7	130									Case size	Allowable ripple

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