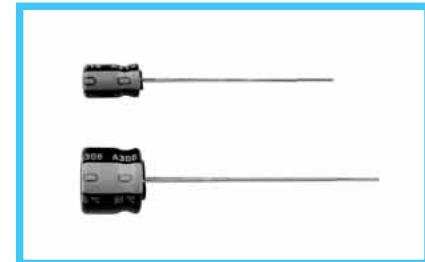




7mmL, Low Leakage Current



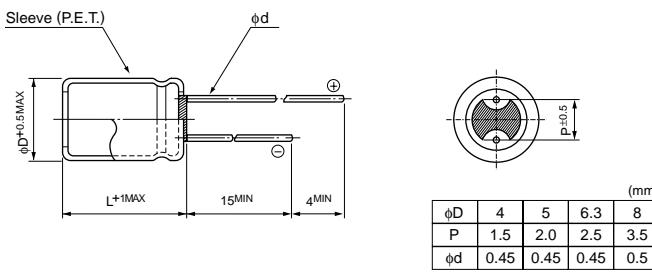
- Low leakage current series with 7mm height.



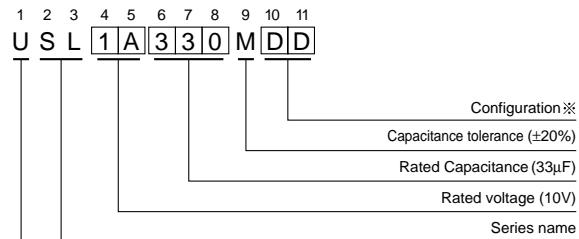
■ Specifications

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 0.002CV or 0.4 (μA), whichever is greater.										
tan δ	Measurement frequency : 120Hz, Temperature : 20°C										
	Rated voltage (V)	6.3	10	16	25	35	50				
Stability at Low Temperature	tan δ (MAX.)	0.24	0.20	0.16	0.14	0.12	0.10				
	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				
Endurance	ZT / Z20 (MAX.)	8	6	4	4	3	3				
	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 leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for endurance characteristics listed above.										
Marking	Printed with white color letter on black sleeve. (PVC sleeve product : Printed with black color letter on yellow sleeve.)										

■ Radial Lead Type



Type numbering system (Example : 10V 33μF)



※ Configuration

φ D	Pb-free leadwire Pb-free PET sleeve	Sn-Pb finished leadwire PVC sleeve (containing Pb)
4 ~ 6.3	DD	DA
8	DD	CA

※ Please contact to us if other configurations are required.

■ Dimensions

Cap.(μF)	Code	V	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	6.3 × 7 57	8 × 7 65
33	330	5 × 7 42	5 × 7 47	6.3 × 7 59	6.3 × 7 68	6.3 × 7 78	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						Rated Ripple
								Case size

Rated Ripple (mA rms) at 85°C 120Hz

● Frequency coefficient of rated ripple current

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz~
Coefficient	0.70	1.00	1.17	1.36	1.50

Please refer to page 19, 20, 21 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.

CAT.8100T