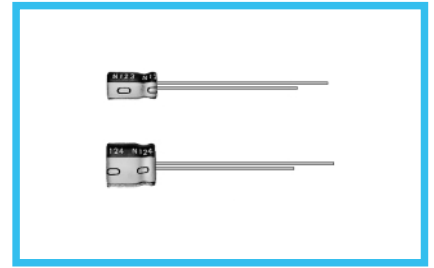


ALUMINUM ELECTROLYTIC CAPACITORS

SF 7mmL, Low Impedance series



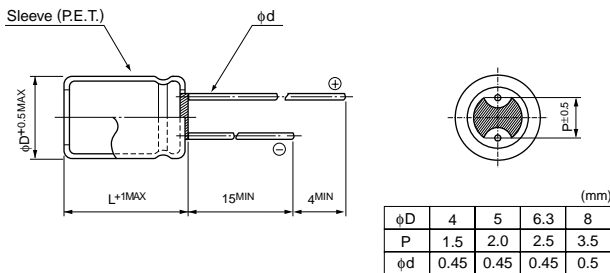
- Low impedance over wide temperature range of -55 to +105°C, with 7mm height.
- Compliant to the RoHS directive (2002/95/EC).



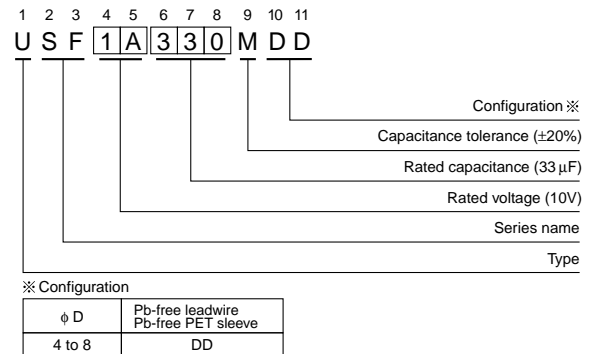
Specifications

Item	Performance Characteristics					
Category Temperature Range	-55 to +105°C					
Rated Voltage Range	6.3 to 35V					
Rated Capacitance Range	6.8 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, Temperature : 20°C					
	Rated voltage (V)	6.3	10	16	25	35
Stability at Low Temperature	tan δ (MAX.)	0.18	0.16	0.14	0.12	0.12
	Measurement frequency : 120Hz					
	Rated voltage (V)	6.3	10	16	25	35
Endurance	Impedance ratio	Z-25°C / Z+20°C	2	2	2	2
	ZT / Z20 (MAX.)	Z-55°C / Z+20°C	3	3	3	3
Shelf Life	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				
Marking	Printed with white color letter on dark brown sleeve.					

Radial Lead Type



Type numbering system (Example : 10V 33μF)



Dimensions

Cap.(μF)	V	6.3		10			16			25			35				
		Code	0J		1A			1C			1E			1V			
6.8	6R8																
10	100																
15	150							4 × 7	3.3	70	4 × 7	3.3	70	4 × 7	3.3	70	
22	220					4 × 7	3.3	70	5 × 7	1.7	110	5 × 7	1.7	110	6.3 × 7	0.8	160
33	330	5 × 7	1.7	110	5 × 7	1.7	110	6.3 × 7	0.8	160	6.3 × 7	0.8	160	8 × 7	0.5	200	
47	470	5 × 7	1.7	110	6.3 × 7	0.8	160	6.3 × 7	0.8	160	8 × 7	0.5	200				
68	680	6.3 × 7	0.8	160	6.3 × 7	0.8	160	8 × 7	0.5	200	8 × 7	0.5	200				
100	101	6.3 × 7	0.8	160	8 × 7	0.5	200	8 × 7	0.5	200							
150	151	8 × 7	0.5	200	8 × 7	0.5	200										
220	221	8 × 7	0.5	200													
													Case size	Impe-	Rated		
													φD × L (mm)	dance	ripple		

Max. Impedance (Ω) at 20°C 100kHz
Rated ripple current (mArms) at 105°C 100kHz

Frequency coefficient of rated ripple current

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more
Coefficient	0.35	0.50	0.64	0.83	1.00

Please refer to page 20, 21, 22 about the formed or taped product spec.
Please refer to page 4 for the minimum order quantity.