ALUMINUM ELECTROLYTIC CAPACITORS

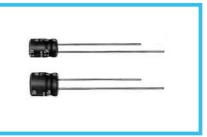
nichicon





- Bi-polarized series with 7mm height.
- Extended capacitance range by an addition of $\phi 8$ product.
- Compliant to the RoHS directive (2002/95/EC).

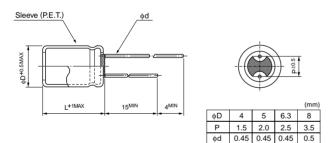


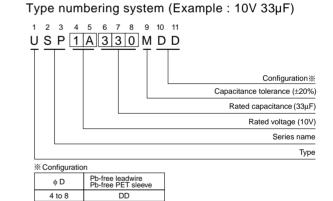


Specifications

Item	Performance Characteristics											
Category Temperature Range	-40 to +85°C											
Rated Voltage Range	6.3 to 50V											
Rated Capacitance Range	0.1 to 220µF	0.1 to 220µF										
Capacitance Tolerance	±20% at 120Hz, 20°C											
Leakage Current	After 2 minutes' app	lication of rat	ted volta	ge, leaka	ge current is	not mo	re than 0.05	CV or 10 (µ	A), whicheve	er is greater.		
Tangent of loss angle (tan δ)	Measurement frequency : 120Hz at 20°C											
	Rated voltage (V)	6.3	1	0	16	2	5	35	50			
	tan δ (MAX.)	0.24	0.	20	0.16	0.1	16	0.14	0.12			
Stability at Low Temperature	Measurement frequency : 120 Hz											
	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			
	The specifications listed at right shall be met Capacitance change Within ±20% of the initial capacitance value											
Endurance	when the capacitors are restored to 20°C after the rated voltage is applied for 2000 hours at $\frac{\delta}{\delta}$ 2000 voltage is applied for 2000 hours at $\frac{\delta}{\delta}$									value		
	85°C with the polarity inverted every 250 hours.											
Shelf Life	After storing the cap clause 4.1 at 20° C,									ased on JIS C 5101	-4	
Marking	Printed with white c	olor letter on	black sl	Printed with white color letter on black sleeve.								

Radial Lead Type





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				-		i				i	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	14
3.3	3R3				-		-			4×7	16	5×7	20
4.7	4R7					4×7	18	5×7	21	5×7	22	6.3×7	27
10	100			4×7	24	5×7	30	6.3×7	35	6.3×7	37	8×7	44
22	220			5×7	40	6.3×7	51	6.3×7	53	8×7	62	8×7	65
33	330	5×7	42	6.3×7	56	6.3×7	63	8×7	73	8×7	76		1
47	470	6.3×7	58	6.3×7	67	6.3×7	75	8×7	87		i		
100	101	8×7	95	8×7	110	8×7	125					Case size	Rated
220	221	8×7	140									$\phi D \times L (mm)$	ripple

• Frequency coefficient of rated ripple current

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

Rated ripple current (mArms) at 85°C 120Hz

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

