

ALUMINUM ELECTROLYTIC CAPACITORS

查询USP0401MDD供应商

捷多邦，专业PCB打样工厂，24小时加急出货 nichicon

SP 7mmL, Bi-Polarized
series



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

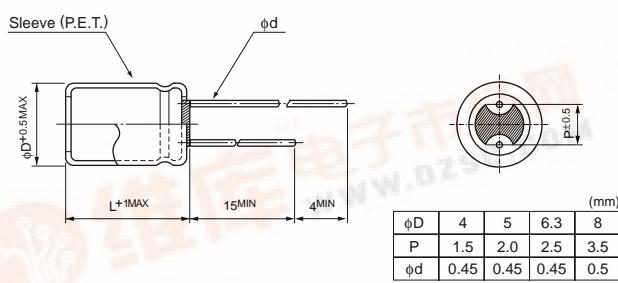
SP Bi-polarized SA



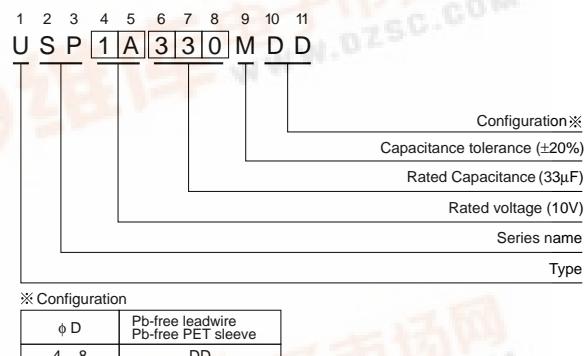
■ Specifications

Item	Performance Characteristics						
Category Temperature Range	$-40 \sim +85^\circ\text{C}$						
Rated Voltage Range	6.3 ~ 50V						
Rated Capacitance Range	0.1 ~ 220 μF						
Capacitance Tolerance	$\pm 20\%$ at 120Hz, 20°C						
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.05CV or 10 (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	0.16	0.14	0.12
	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
Endurance	ZT / Z20 (MAX.)	8	6	4	4	3	3
	After 2000 hours' application of rated voltage at 85°C with the polarity inverted every 250 hours, capacitors meet the characteristic requirements listed at right.						
	Capacitance change	Within $\pm 20\%$ of initial value					
Shelf Life	tan δ	200% or less of initial specified value					
	Leakage current	Initial specified value or less					
Marking	Printed with white color letter on black sleeve.						

■ Radial Lead Type



Type numbering system (Example : 10V 33 μF)



■ Dimensions

Cap.(μF) \ V	6.3	10	16	25	35	50
Code	0J	1A	1C	1E	1V	1H
0.1	0R1					
0.22	R22					
0.33	R33					
0.47	R47					
1	010					
2.2	2R2					
3.3	3R3					
4.7	4R7					
10	100					
22	220					
33	330	5 × 7	42	6.3 × 7	56	6.3 × 7
47	470	6.3 × 7	58	6.3 × 7	67	6.3 × 7
100	101	8 × 7	95	8 × 7	110	8 × 7
220	221	8 × 7	140			

■ Frequency coefficient of rated ripple current

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

Rated Ripple (mArms) at 85°C 120Hz

Please refer to page 21, 22, 23 about the formed or taped product spec.