

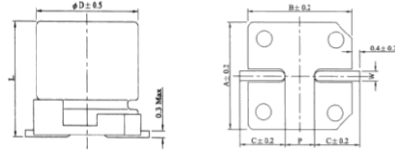
ALUMINUM ELECTROLYTIC CAPACITORS(105°C 5000Hrs) - MV SERIES (SMD)電解電容-5000小時

▲ FEATURES:Load life 5000 hours at 105°C

LEAD SPACING AND DIAMETER

Unit:mm

Dφ	L	A	B	C	W	P±0.2
4	5.5±0.2	4.3	4.3	2.0	0.5~0.8	1.0
5	5.5±0.2	5.3	5.3	2.3	0.5~0.8	1.5
6.3	5.5±0.2	6.6	6.6	2.7	0.5~0.8	2.0
6.3	7.7±0.3	6.6	6.6	2.7	0.5~0.8	2.2
8	6.5±0.3	8.3	8.3	3.0	0.7~1.1	2.3
8	10.5±0.5	8.3	8.3	3.0	0.7~1.1	3.1
10	10.5±0.5	10.3	10.3	3.3	0.7~1.1	4.5



DxL : mm Ripple Current : mA / rms at 120Hz, 105°C

▲ 5.5 mm DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

uf	6.3V		10V		16V		25V		35V		50V	
	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA
0.1											4x5.5	1.0
0.22											4x5.5	2.6
0.33											4x5.5	3.2
0.47											4x5.5	3.8
1											4x5.5	6.2
2.2											4x5.5	11
3.3											4x5.5	14
4.7							4x5.5	13	4x5.5	15	5x5.5	19
10					4x5.5	17	4x5.5	23	5x5.5	25	6.3x5.5	30
22	4x5.5	22	5x5.5	28	5x5.5	30	6.3x5.5	40	6.3x5.5	42	6.3x7.7	52
33	5x5.5	32	5x5.5	34	6.3x5.5	44	6.3x5.5	48	6.3x7.7	57	8x10.5	80
47	5x5.5	36	6.3x5.5	48	6.3x5.5	50	6.3x7.7	63	8x10.5	92	8x10.5	95
100	6.3x5.5	60	6.3x7.7	79	6.3x7.6	81	8x10.5	116	10x10.5	150	10x10.5	160
220	6.3x7.7	110	8x10.5	140	10x10.5	216	10x10.5	240	10x10.5	280		
330	8x10.5	160	10x10.5	240	10x10.5	300	10x10.5	375				
470	10x10.5	260	10x10.5	280	10x10.5	320						
1000	10x10.5	340										

▲ SPECIFICATIONS

Items	Performance								
Operating Temperature Range	- 40°C~ + 105°C								
Capacitance Tolerance	±20% (at 120Hz, 20°C)								
Leakage Current (at 20°C)	I=0.01CV to 3(μ A)whichever is greater(after 2 minutes) Where, C=rated capacitance in μ F. V=rated DC working voltage in V.								
Dissipation Factor (Tan δ at 120Hz, 20°C)	Rated Voltage	6.3	10	16	25	35	50		
	DF%(max)	28	24	20.00	16	13	12.00		
Low Temperature Characteristics(at 120Hz)	Impedance ratio shall not exceed the values given in the table below.								
	Rated Voltage			6.3	10	16	25	35	50
	Impedance Ratio	Z(- 25°C)/Z(+20°C)			4	3	2	2	2
Z(- 40°C)/Z(+20°C)			10	7	5	3	3		
Load Life Test	Test condition								
	Duration time			5000Hrs					
	Ambient temperature			+ 105°C					
	Applied voltage			Rated DC working voltage					
	Capacitance Change (after test requirement at +20°C)			Within ±30% of initial value					
	Dissipation Factor			Less than 300% of specified value					
Leakage Current			Less than specified value						
Shelf Life Test	Test time:1000 hrs,other items are the same as those for the load life test.								

ORDER: MV 10U 16V 4x5.5 SMD