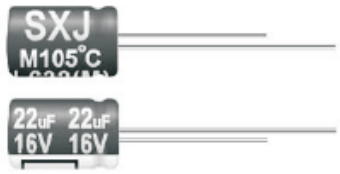
ALUMINUM ELECTROLYTIC CAPACITORS
SXJ Series: Low Impedance, Miniature

FEATURES

- 105°C, 1,000 hours assured.
- Low Impedance with 5 ~ 7mm height
- RoHS Compliant



SPECIFICATIONS

Items	Performance								
Operating Temperature Range	-55 C ~ +105 C								
Capacitance Tolerance	+20% (at 120Hz, 20 C)								
Leakage Current (at 20 C)	I = 0.01CV or 3 (A) whichever is greater (after 2 minutes)								
	Where, C= rated capacitance in F. V= rated DC working voltage in V.								
Dissipation Factor (Tan at 120Hz, 20 C)	Rated Voltage	6.3	10	16	25				
	Tax (max)	0.25	0.20	0.17	0.15				
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		
	Impedance Ratio	Z (-25 C)/Z(+20 C)	2	2	2	2	2		
		Z(-40 C)/Z(+20 C)	4	4	4	4	4		
Load Life Test	Test Time	1,000 Hrs							
	Capacitance Change	Within ±20% of initial value							
	Dissipation Factor	Less than 200% of specified value							
	Leakage Current	Within specified value							
	* The above specifications shall be satisfied when the capacitors are restored to 20 C after the rated voltage applied for 1,000 hrs at 105 C.								
Shelf Life Test	Test Time: 500 hrs; other items are the same as those for the load life test								
Ripple Current & Frequency Multipliers	Freq. (Hz) / Cap. (μF)	50	120	300	1K	10K up			
	Multiplier	0.35	0.5	0.64	0.83	1.0			
Standards	JIS C 5101-1								

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: δD x L (mm)
Ripple Current mA/rms at 100 Hz, 105°C
Impedance: Ω/100Hz, 20°C

V.DC / Contents μF	6.3V (0J)			10V (1A)			16V (1C)			25V (1E)			35V (1V)		
	D x L	mA	Imp.	D x L	mA	Imp.	D x L	mA	Imp.	D x L	mA	Imp.	D x L	mA	Imp.
4.7													4 x 7	70	3.3
													4 x 5	50	5.0
10							4 x 5	50	5	4 x 7	70	3.3	5 x 7	110	1.7
										5 x 5	80	2.6	5 x 5	80	2.6
22	4 x 5	50	5	4 x 7	70	3.3	5 x 7	110	1.7	5 x 7	160	0.8	6.3 x 7	160	0.8
				5 x 5	80	2.6	5 x 5	80	2.6	6.3 x 5	115	1.3	6.3 x 5	115	1.3
33	5 x 7	110	1.7	5 x 7	110	1.7	6.3 x 7	160	0.8	6.3 x 7	160	0.8	8 x 7	200	0.5
	5 x 5	80	2.6	5 x 5	80	2.6	6.3 x 5	115	1.3	6.3 x 5	115	1.3			
47	5 x 7	110	1.7	6.3 x 7	160	0.8	6.3 x 7	160	0.8	8 x 7	200	0.5			
	5 x 5	80	2.6	6.3 x 5	115	1.3	6.3 x 5	115	1.3						
100	6.3 x 7	160	0.8	8 x 7	200	0.5	8 x 7	200	0.5						
	6.3 x 5	115	1.3												
150	8 x 7	200	0.5	8 x 7	200	0.5									
220	8 x 7	200	0.5												

PAD SPACING AND DIAMETER

δD	4		5		6.3		8
L	5	7	5	7	5	7	7
P	1.5		2.0		2.5		3.5
δd	0.45	0.50	0.45	0.50	0.45	0.50	0.50
α	1.0						
ß	0.5						

