

FEATURES

- Snap-in, 2000 Hrs, 85°C
- Fail-Safe, will fail open without flame if excessive voltage is applied
- RoHS Compliant

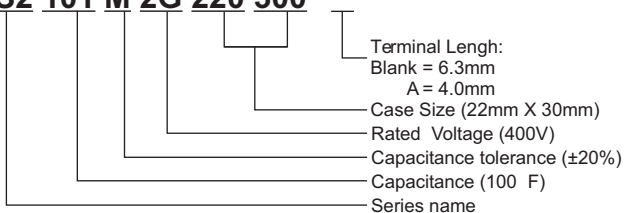


SPECIFICATIONS

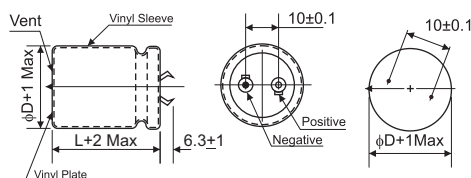
Items	Performance							
Operating Temperature Range	-40°C ~ +85°C							
Capacitance Tolerance	±20% (at 120Hz, 20°C)							
Leakage Current (at 20°C)	I = 0.02CV or 1.5 mA whichever is smaller (after 5 minutes) Where, C= rated capacitance in μF. V= rated DC working voltage in V.							
Dissipation Factor (Tan δ at 120Hz, 20°C)	Rated Voltage	200	250	400	450			
	Tan (max)	0.15	0.15	0.20	0.20			
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.							
	Rated Voltage			200	250	400	450	
	Impedance Ratio	Z (-25°C)/Z(+20°C)			4	4	8	8
		Z(-40°C)/Z(+20°C)			8	10	18	20
Load Life Test	Test Time		2,000 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 2,000 hrs at 85°C							
Shelf Life Test	Test Time		1,000 Hrs					
	Capacitance Change		Within ±20% of initial value					
	Dissipation Factor		Less than 150% of specified value					
	Leakage Current		Within specified value					
	* The above specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hrs at 85°C without voltage applied. The rated voltage shall be applied to the capacitors before the measurements (Refer to JIS C 5102)							
Ripple Current & Frequency Multipliers	Freq. (Hz)	50/60	120	300	1K	10K up		
	W. V. (V)							
	Multiplier	0.8	1.0	1.1	1.3	1.4		
	Temperature (C)	40	60	70	85			
	Multiplier	1.8	1.4	1.2	1.0			
Safety Fundtion Test Conditions	1. DC reverse voltage test: The capacitor is shall be connected in reverse polarity, and applied under specified working voltage.							
	2. DC over voltage test: The rated voltage of 1.2 times shall be applied to the capacitor.							
Other Standards	JIS C 5101-4							

PART NUMBER EXAMPLE

LS2 101 M 2G 220 300



SNAP-IN TERMINAL TYPE



■ DIMENSIONS & PERMISSABLE RIPPLE CURRENT

Dimension: Φ D x L (mm); Ripple Current: A/RMS at 120Hz, 85°C

Cap.	WV Φ D	200V (2D)								250V (2E)							
		22		25		30		35		22		25		30		35	
180										22 x 25	1.01						
220		22 x 25	1.15							22 x 30	1.27	25 x 25	1.24				
270		22 x 25	1.30							22 x 35	1.52	25 x 25	1.49				
330		22 x 30	1.44	25 x 25	1.43					22 x 40	1.77	25 x 30	1.62	30 x 25	1.59		
470		22 x 35	1.88	25 x 30	1.86	30 x 25	1.85			22 x 50	2.24	25 x 35	2.05	30 x 30	2.03	35 x 25	2.01
560		22 x 45	2.18	25 x 35	2.16	30 x 25	2.05					25 x 40	2.32	30 x 30	2.24	35 x 25	2.21
680		22 x 50	2.47	25 x 35	2.36	30 x 30	2.36	35 x 25	2.30			25 x 50	2.70	30 x 35	2.58	35 x 30	2.54
820				25 x 45	2.79	30 x 30	2.62	35 x 25	2.53					30 x 40	2.92	35 x 35	2.90
1,000				25 x 50	2.96	30 x 35	3.00	35 x 30	2.96					30 x 45	3.31	35 x 35	3.21
1,200						30 x 40	3.44	35 x 35	3.40							35 x 40	3.56
1,500						30 x 50	3.93	35 x 40	3.87							35 x 50	4.26
1,800								35 x 45	4.37								

Cap.	WV Φ D	400V (2G)								450V (2W)							
		22		25		30		35		22		25		30		35	
47										22 x 25	0.62						
68										22 x 30	0.80	25 x 25	0.77				
82		22 x 25	0.80							22 x 30	0.87	25 x 25	0.85				
100		22 x 30	0.94	25 x 25	0.97					22 x 35	1.00	25 x 30	1.05	30 x 25	1.09		
120		22 x 35	1.12	25 x 25	1.08					22 x 40	1.15	25 x 30	1.09	30 x 25	1.10		
150		22 x 40	1.25	25 x 30	1.21	30 x 25	1.24			22 x 45	1.25	25 x 35	1.27	30 x 30	1.32	35 x 25	1.35
180		22 x 45	1.40	25 x 35	1.37	30 x 25	1.45					25 x 40	1.45	30 x 30	1.43	35 x 25	1.39
220		22 x 50	1.56	25 x 40	1.62	30 x 30	1.58	35 x 25	1.60			25 x 45	1.65	30 x 35	1.63	35 x 30	1.61
270				25 x 45	1.76	30 x 35	1.73	35 x 30	1.75					30 x 45	1.95	35 x 35	1.86
330						30 x 40	1.97	385 x 30	1.95					30 x 45	2.10	35 x 35	2.06
390						30 x 45	2.22	35 x 35	2.17					30 x 50	2.24	35 x 45	2.34
470						30 x 50	2.40	35 x 40	2.42							35 x 50	2.63
560								35 x 45	2.71								