



CAVA SERIES: Snap-In, 105°C, 5000 hrs



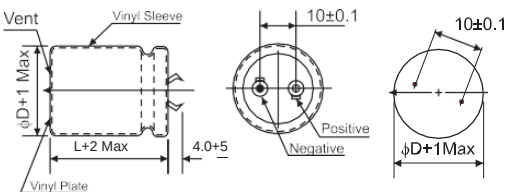
FEATURES

- ◆ Snap-in, 105°C
- ◆ 5,000 hour life

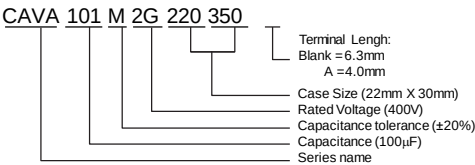
SPECIFICATIONS

Items	Performance							
Operating Temperature Range	-25°C ~ +105°C							
Capacitance Tolerance	+20% (at 120Hz, 20°C)							
Leakage Current (at 20°C)	I = 0.01CV or 3 mA whichever is smaller (after 5 minutes) Where, C= rated capacitance in μF. V= rated DC working voltage in V.							
Dissipation Factor (Tanδ at 120Hz, 20°C)	Rated Voltage	200	250	350	400	450		
	Tan (max)	0.15	0.15	0.15	0.15	0.15		
Low Temperature Characteristics (at120Hz)	Impedance ratio shall not exceed the values given in the table below.							
	Rated Voltage			200	250	350	400	400
	Impedance Ratio	Z(-25° C)/Z(+20° C)		4	4	4	8	8
Load Life Test	Test Time		5,000 Hrs					
	Capacitance Change		Within +20% of initial value					
	Dissipation Factor		Less than 250% 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 5,000 hrs at 105°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°Cafter exposing them for 1,000 hrs at 105°Cwithout 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		
	Multiplier	0.8	1.0	1.1	1.3	1.4		
Other Standards	JIS C 5101-4							

SNAP-IN TERMINAL TYPE



PART NUMBER EXAMPLE





CAVA SERIES: Snap-In, 105°C, 5000 hrs

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: $\phi D \times L$ (mm); Ripple Current: A/RMS at 120Hz, 105°C

Cap.	WV DxL	200V (2D)								250V (2E)							
		22		25		30		35		22		25		30		35	
150										22 x 25	0.57						
180										22 x 30	0.66	25 x 25	0.66				
220	22 x 25	0.72								22 x 35	0.75	25 x 25	0.75				
270	22 x 30	0.81	25 x 25	0.81						22 x 40	0.85	25 x 30	0.83	30 x 25	0.85		
330	22 x 35	0.92	25 x 30	0.92	30 x 25	0.94				22 x 45	0.96	25 x 35	0.96	30 x 30	0.96	35 x 25	1.02
390	22 x 40	1.02	25 x 30	1.01	30 x 25	1.01				22 x 50	1.08	25 x 40	1.07	30 x 30	1.07	35 x 25	1.12
470	22 x 50	1.17	25 x 35	1.15	30 x 30	1.15	35 x 25	1.22				25 x 50	1.22	30 x 35	1.19	35 x 30	1.22
560			25 x 45	1.28	30 x 35	1.30	35 x 25	1.31						30 x 40	1.35	35 x 35	1.36
680			25 x 50	1.48	30 x 40	1.49	35 x 30	1.47						30 x 50	1.58	35 x 40	1.57
820					30 x 45	1.67	35 x 35	1.65								35 x 45	1.75
1,000					30 x 50	1.91	35 x 40	1.90								35 x 50	2.02
1,200							35 x 50	2.21									

Cap.	WV DxL	350V (2V)								400V (2G)							
		22		25		30		35		22		25		30		35	
56										22 x 25	0.34						
68	22 x 25	0.39								22 x 30	0.44	25 x 25	0.40				
82	22 x 30	0.49								22 x 35	0.50	25 x 25	0.50				
100	22 x 35	0.55	25 x 25	0.49						22 x 35	0.56	25 x 30	0.50	30 x 25	0.51		
120	22 x 45	0.63	25 x 30	0.55	30 x 25	0.56				22 x 40	0.57	25 x 35	0.58	30 x 25	0.59	35 x 25	0.61
150	22 x 45	0.61	25 x 35	0.60	30 x 25	0.60	35 x 25	0.69		22 x 50	0.67	25 x 40	0.66	30 x 25	0.65	35 x 25	0.73
180	22 x 50	0.73	25 x 40	0.72	30 x 30	0.71	35 x 25	0.80				25 x 45	0.75	30 x 35	0.74	35 x 30	0.83
220			25 x 50	0.93	30 x 35	0.82	35 x 30	0.83				25 x 50	0.84	30 x 40	0.84	35 x 35	0.94
270					30 x 40	0.94	35 x 35	1.04						30 x 50	1.10	35 x 40	1.09
330					30 x 50	1.19	35 x 40	1.19								35 x 45	1.24
390							35 x 45	1.22								35 x 50	1.26
470							35 x 50	1.38									

Cap.	WV DxL	400V (2G)							
		22		25		30		35	
39	22 x 25	0.37							
47	22 x 30	0.41							
56	22 x 30	0.44							
68	22 x 35	0.50	25 x 25	0.47					
82	22 x 40	0.56	25 x 30	0.53					
100	22 x 45	0.64	25 x 30	0.55	30 x 25	0.57			
120	22 x 50	0.72	25 x 35	0.63	30 x 30	0.64	35 x 25	0.71	
150			25 x 40	0.71	30 x 30	0.71	35 x 30	0.83	
180			25 x 45	0.71	30 x 35	0.81	35 x 35	0.93	
220			25 x 50	0.91	30 x 40	0.92	35 x 40	1.07	
270					30 x 45	1.05	35 x 45	1.22	
330							35 x 50	1.39	