

DP Series

Features

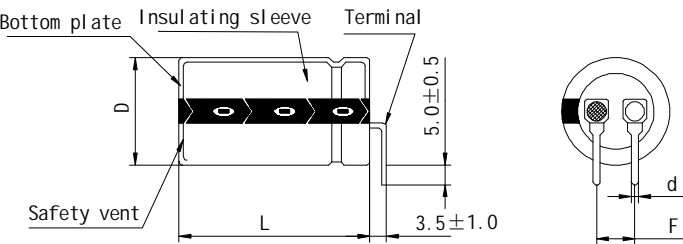
- ◆ Horizontal Mounting version for Φ22 and Φ25.4 , 2000 hours at 105℃ .
- ◆ Suited for use in flat electronic devices where height space is limited .
- ◆ RoHS Compliant .



Specifications

Item	Performance Characteristics		
Temperature Range	-25~+105℃		
Rated Voltage Range	160~450Vdc		
Capacitance Range	68~1000μF		
Capacitance Tolerance	±20% （120Hz， +20℃ ）		
Leakage Current （+20℃,max.）	I≤3√CV （μA） （ After 5 minute application of rated voltage at +20℃ ）		
Dissipation Factor(tgδ) 120Hz, +20℃			
	Working Voltage(Vdc)	160~400	450
	D.F(%)max.	15	20
For capacitance>1000μF , Add 2% per another 1000μF.			
Low Temperature Characteristics(120Hz)	Impedance ratio max.		
	Working Voltage(Vdc)	160~250	400~450
	Z-25℃/ Z+20℃	3	8
Endurance	After applying rated voltage with rated ripple current for 2000 hours at 105℃,the capacitors shall meet the following requirements.		
	Capacitance Change	Within ±20% of the initial value	
	Dissipation Factor	No more than 200% of the specification value	
	Leakage Current	No more than the specification value	
Shelf Life	After storing the capacitors under no load at 105℃ for 1000 hours, the characters shall meet the following requirements.		
	Capacitance Change	Within ±20% of the initial value	
	Dissipation Factor	No more than 200% of the specification value	
	Leakage Current	No more than 200%of the specification value	
Others	JISC-5101(IEC 60384)		

Dimensions



Frequency coefficient

Freq(Hz)	50	120	1K	10~50K
WV(V)				
160~250	0.80	1.00	1.25	1.47
400~450	0.80	1.00	1.30	1.47

DP Series**Case size & Maximum permissible ripple current**

Cap \ WV ΦD	160				200			
	Case size D×L	Ripple current	Case size D×L	Ripple current	Case size D×L	Ripple current	Case size D×L	Ripple current
270					22×25	0.96		
330	22×25	0.96			22×30	1.15	25.4×25	1.09
390	22×30	1.17	25.4×25	1.18	22×35	1.29	25.4×30	1.31
470	22×35	1.28	25.4×30	1.30	22×40	1.46	25.4×35	1.50
560	22×40	1.45	25.4×35	1.48	22×45	1.57	25.4×35	1.53
680	22×45	1.64	25.4×40	1.68	22×50	1.75	25.4×45	1.77
820	22×50	1.85	25.4×45	1.90			25.4×50	2.08
1000			25.4×50	2.17				

Cap \ WV ΦD	250				400			
	Case size D×L	Ripple current	Case size D×L	Ripple current	Case size D×L	Ripple current	Case size D×L	Ripple current
100					22×30	0.62	25.4×25	0.63
120					22×35	0.73	25.4×30	0.75
150					22×40	0.85	25.4×35	0.85
180	22×25	0.76			22×45	0.95	25.4×40	0.92
220	22×30	0.97	25.4×25	0.98	22×50	1.08	25.4×45	1.05
270	22×35	1.11	25.4×30	1.13			25.4×50	1.29
330	22×40	1.26	25.4×35	1.29				
390	22×45	1.41	25.4×40	1.45				
470	22×50	1.58	25.4×45	1.63				
560			25.4×50	1.86				

Cap \ WV ΦD	450			
	Case size D×L	Ripple current	Case size D×L	Ripple current
68	22×25	0.52		
82	22×30	0.66	25.4×25	0.67
100	22×35	0.68	25.4×30	0.70
120	22×40	0.79	25.4×35	0.81
150	22×45	0.89	25.4×40	0.92
180	22×50	1.03	25.4×45	1.06
220			25.4×50	1.23

Size ΦD×L (mm), Ripple Current (A, rms. /105℃ 120Hz) .

Above size is the standard size for our product. If you need special size please contact our sales offices .