

# SG series



## Features

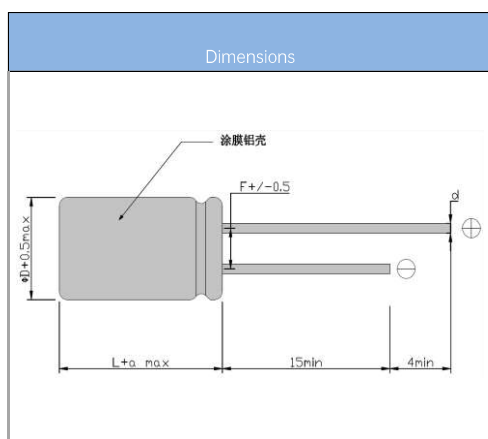
- ★ 超高压品
  - ★ 105°C 5000-10000Hrs
- 固液混合铝电解电容器

## Specifications

item	Performance Characteristics	
Operating Temperature Range	-55~+105°C	
Rated Voltage Range	160~250vdc	
Capacitance Tolerance	±20%(120Hz,+20°C)	
Leakage Current(+20°C,max)	≤0.2CV or 500uA whichever is greater (After rated voltage applied for 2 minutes)	
Dissipation Factor(tanδ,at 20°C,120Hz)	Not exceed the value specified	
ESR(100KHz)	Not exceed the value specified	
Endurance 105°C,5000-10000h,at rated voltage	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation Factor	Not exceed 150% of the value specified
Moisture Resistance Stored at 60°C,RH90~95%,1000h	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	Dissipation Factor	Not exceed 150% of the value specified

## Frequency Coefficient for Ripple Current

Frequency	120Hz≤freq. < 1KHz	1KHz≤freq. < 10KHz	10KHz≤freq. < 100KHz	100KHz≤freq. < 300KHz
Coefficient	0.05	0.3	0.7	1



## Size

Unit: mm

ΦDXL	ΦD+0.5 max.	a	F±0.5	φd±0.05	
5X5-18	5	1	2	0.5	
5.5X5-18	5.5	1	2.5	0.5	
6.3X5-9	6.3	1	2.5	0.5/0.6	
6.3X11-20	6.3	1	2.5	0.6	
8X7P-15P	8	1	2.5	0.6	
8X7-20	8	1	3.5	0.6	
10X10-20	10	1	5	0.6	

料号	规格	系列	WV	CAP	LC	DF	ESR	RIPPLE	SIZE
SG226M200G1300	SG200V22 10X13	SG	200	22	880	15	150	800	10X13
SG336M160G1300	SG160V33 10X13	SG	160	33	1000	12	120	1000	10X13
SG106M160F1300	SG160V10 8X13	SG	160	10	320	12	120	1000	8X13