

SF series



Features

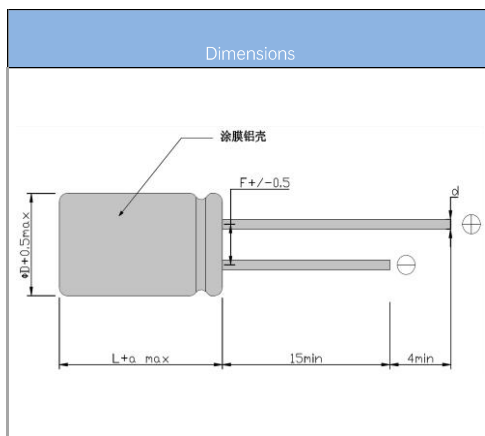
- ★ 长寿命品
- ★ 105°C 5000Hrs

Specifications

item	Performance Characteristics	
Operating Temperature Range	-55~+105°C	
Rated Voltage Range	2.5~100vdc	
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,5000h,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	SIZE	纹波
SF108M6R3E1200	SF6.3V1000 6.3X12	SF	6.3	1000	1000	8	10	6.3X12	4100
SF158M6R3F1150	SF6.3V1500 8X11.5	SF	6.3	1500	1000	8	10	8X11.5	4700
SF188M6R3G1250	SF6.3V1800 10X12.5	SF	6.3	1800	1000	8	10	10X12.5	4900
SF108M010G1150	SF10V1000 10X11.5	SF	10	1000	1000	8	10	10X11.5	4900
SF227M016E0800	SF16V220 6.3X8	SF	16	220	704	8	20	6.3X8	4100
SF277M016F1150	SF16V270 8X11.5	SF	16	270	864	8	16	8X11.5	4700
SF337M016E1100	SF16V330 6.3X11	SF	16	330	1000	8	16	6.3X11	4100
SF477M016E1150	SF16V470 6.3X11.5	SF	16	470	1000	8	16	6.3X11.5	4100
SF567M016E1400	SF16V560 6.3X14	SF	16	560	1000	8	16	6.3X14	4100
SF108M016G1150	SF16V1000 10X11.5	SF	16	1000	1000	8	16	10X11.5	4700
SF108M016G1250	SF16V1000 10X12.5	SF	16	1000	1000	8	16	10X12.5	4900
SF108M016F1500	SF16V1000 8X15	SF	16	1000	1000	8	16	8X15	4700
SF107M025E0800	SF25V100 6.3X8	SF	25	100	500	8	25	6.3X8	4100
SF227M025E1200	SF25V220 6.3X12	SF	25	220	1000	8	20	6.3X12	4100
SF227M025F1150	SF25V220 8X11.5	SF	25	220	1000	8	16	8X11.5	4700
SF477M025E1400	SF25V470 6.3X14	SF	25	470	1000	8	16	6.3X14	4100
SF477M025F1150	SF25V470 8X11.5	SF	25	470	1000	8	16	8X11.5	4700
SF108M025G1500	SF25V1000 10X15	SF	25	1000	1000	8	16	10X15	4900
SF108M025F1700	SF25V1000 8X17	SF	25	1000	1000	8	16	8X17	4700
SF687M035G1500	SF35V680 10X15	SF	35	680	1000	8	16	10X15	4900
SF277M025E1200	SF25V270 6.3X12	SF	25	270	1000	8	16	6.3X12	4100