

SJ series

Features

- ★ Super Long Life to 5000Hours
- ★ Low ESR at high frequency range
- ★ Electronic products suitable for long time work and electronic equipment, such as: computer motherboards, graphics cards, server motherboard, LED lighting driver power supply.

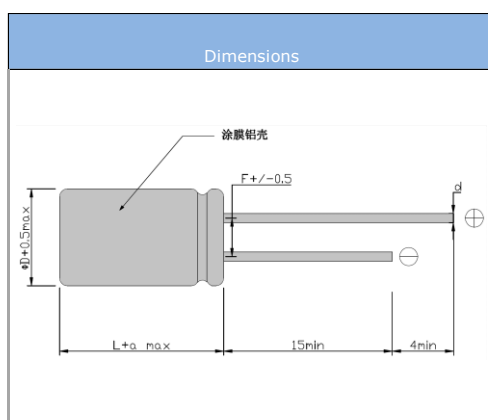
适用于长时间工作的电子产品及电子设备，如：电脑主板、服务器主板、显卡、LED照明驱动电源。

Specifications

item	Performance Characteristics	
Operating Temperature Range	-55~+105℃	
Rated Voltage Range	10~35vdc	
Capacitance Tolerance	±20%(120Hz,+20℃)	
Leakage Current(+20℃,max)	$\leq 0.2CV$ or 500uA whichever is greater (After rated voltage applied for 2 minutes)	
Dissipation Factor(tanδ,at 20℃,120Hz)	Not exceed the value specified	
ESR(100KHz)	Not exceed the value specified	
Endurance 105℃,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℃,RH90~95%,1000h	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

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	
5X7/8	5	1	2	0.45/0.5	
5X9/10/11	5	1	2	0.5	
5X7E/9E/10E/11E	5.5	1	2.5	0.5	
6.3X5/6/7/8/9	6.3	1	2.5	0.5/0.6	
6.3X11/12/14	6.3	1	2.5	0.6	
8X7/8	8	1	3.5	0.6	
8X8P/11P/12P	8	1.5	2.5	0.6	
8X11.5/12.5/15	8	1.5	3.5	0.6	
10X11.5/12.5/13.5/15	10	1.5	5	0.6	

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Dimensions & Characteristics

Ripple Current(mA.rms) at 105℃,100KHz

W.V (V)	Capacitance (uF)	LC. (uA,2min)	tgδ (120Hz,20℃)	ESR (mΩ,100KHz)	Rated Ripple Current (mA,rms)	Size ΦDXL(mm)	Part Number
10	330	660	8	16	4300	8X8	SJ337M010F0800
10	470	940	8	16	4500	8X11.5	SJ477M016F1150
10	680	1360	8	16	4500	8X11.5	SJ687M016F1150
10	1000	2000	8	16	4500	10X12.5	SJ108M016G1250
16	220	704	8	16	4300	8X8	SJ227M016F0800
16	270	864	8	16	4300	8X8	SJ277M016F0800
16	330	1056	8	16	4500	8X11.5	SJ337M016F1150
16	470	1504	8	16	4300	8X8	SJ477M016F0800
16	470	1504	8	16	4500	8X11.5	SJ477M016F1150
16	680	2176	8	16	4500	8X11.5	SJ687M016F1150
16	680	2176	8	16	4500	10X12.5	SJ687M016G1250
16	820	2624	8	16	4500	10X12.5	SJ827M016G1250
16	1000	3200	8	16	4500	10X15	SJ108M016G1500
25	220	1000	8	16	4300	8X8	SJ227M025F0800
25	330	1000	8	16	4500	8X11.5	SJ337M025F1150
25	470	1000	8	16	4500	10X12.5	SJ477M025G1250
25	560	1000	8	16	4500	10X12.5	SJ567M025G1250
25	680	1000	8	16	4500	10X15	SJ687M025G1500
35	100	700	8	16	4300	8X8	SJ107M035F0800
35	220	1000	8	16	4500	8X11.5	SJ227M035F1150
35	330	1000	8	16	4500	10X12.5	SJ337M035G1250
35	470	1000	8	16	4500	10X15	SJ477M035G1500