

SM series



Features

- ★ SMD贴片
- ★ 105°C 2000-10000Hrs

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,2000-10000h,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
	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

Dimensions	ΦDXL	A	H	W	P	K	L
	6.3x5	6.6	8.6max	0.5~0.9	1.8	0.35±0.2	6
	6.3x7	6.6	8.6max	0.5~0.9	1.8	0.35±0.2	7.6
	8x8	8.3	10.3max	0.8~1.1	3.7	0.5±0.2	9
	8x10	8.3	10.3max	0.8~1.1	3.7	0.5±0.2	10.2
	10x10	10.3	12.3max	0.8~1.1	3.9	0.5±0.2	10.2
	10x12.5	10.3	12.3max	0.8~1.1	3.9	0.5±0.2	13.2

料号	规格	系列	WV	CAP	LC	DF	ESR	SIZE	纹波
SM227M050G1150	SM50V220 10X11.5	SM	50	220	1000	10	20	10X11.5	3100
SM336M063E0800	SM63V33 6.3X8	SM	63	33	500	10	35	6.3X8	2600