

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 300uA 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±0.2	H±0.3	W	P	K(max)	L
	6.3x5	6.6	7.2	0.58~0.98	2.1	0.5±0.2	6+0.5/-0.3
	6.3x7	6.6	7.2	0.58~0.98	2.1	0.5±0.2	7.7+0.5/-0.3
	8x8	8.3	9	0.8~1.1	3.1	0.5±0.2	9±0.5
	8x10	8.3	9	0.8~1.1	3.1	0.5±0.2	10.3±0.5
	10x10	10.3	11	0.8~1.1	4.5	0.5±0.2	10.2±0.5
	10x12.5	10.3	11	0.8~1.1	4.5	0.5±0.2	13.2±0.5

料号	规格	系列	WV	CAP	LC	DF	ESR	RIPPLE	SIZE
SM107M035E0700	SM35V100 6.3X7	SM	35	100	700	10	30	2690	6.3X7
SM227M025E0600	SM25V220 6.3X6	SM	25	220	1000	10	28	2690	6.3X6
SM476M050E0800	SM50V47 6.3X8	SM	50	47	470	10	30	2600	6.3X8
SM477M035G1150	SM35V470 10X11.5	SM	35	470	1000	10	18	3800	10X11.5
SM227M035E0900	SM35V220 6.3X9	SM	35	220	1000	10	25	2900	6.3X9
SM476M035E0500	SM35V47 6.3X5	SM	35	47	329	10	35	2400	6.3X5
SM106M063E0500	SM63V10 6.3X5	SM	63	10	300	10	40	2100	6.3X5
SM337M025E0800	SM25V330 6.3X8	SM	25	330	1000	10	25	3100	6.3X8