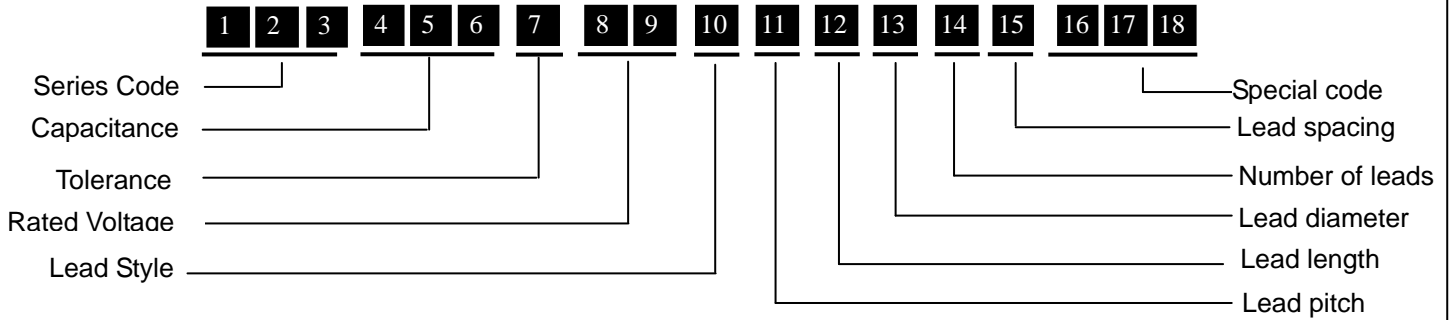


TYPE : SNW SPECIFICATION

Part Numbering System



Digit 1-3	Type	SNW	DLW	FOP	
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Digit 4-6: Digit 4-5 indicate the first two figures of the capacitance value and the 6th digit indicate the number of zero added to obtain the rated capacitance in pF. EX. 102=1000pF=1nF=0.001 μF

Digit 7	Code	F	G	H	J	K	M
	Tolerance	±1%	±2%	±3%	±5%	±10%	±20%

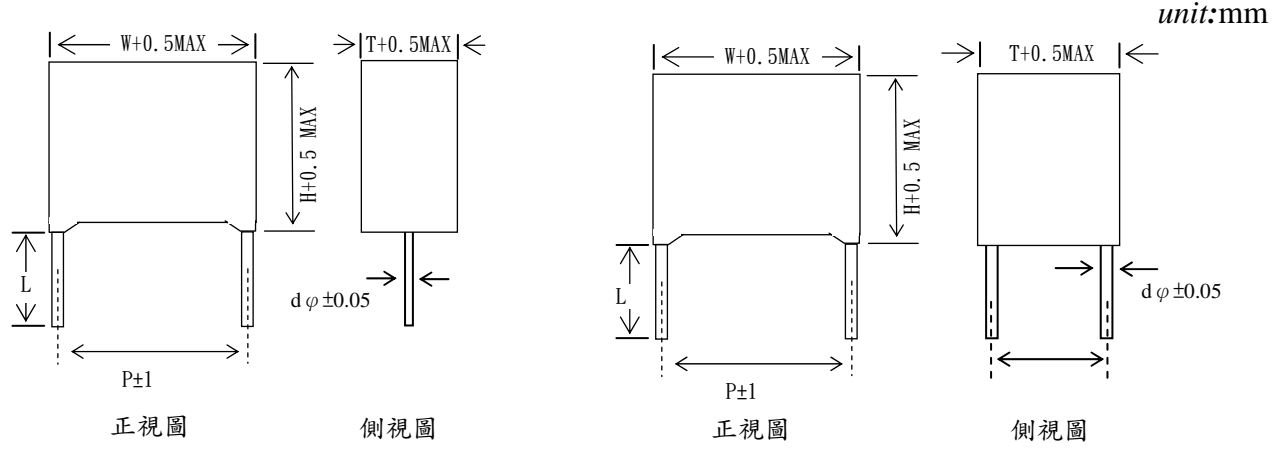
Digit 8-9		A	B	C	D	E	F	G	H	J	K	L	M	N	
	1				20				50	63	180		1100	15	
	2	100	125	160	200	250	315	400	500	630	800	120	1300	150	
	3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	1200	1400	1500	
		P	Q	R	S	T	U	V	W	X	Y				
	1	240	300	330	440	540	600	700	850	900					
	2	275	305	350	450	520		760	1800	875					
	3	280	310	425	480						3000				
	Letter and then number indicate AC, but number and then Letter indicate DC. EX. 2A=100VDC A2=100VAC														

Digit 10	Code	A	X			
	Lead style	Straight lead	straight lead Cutted			

Digit 11	Code	2	3	5	P	J		
	Pitch(mm)	27.5	37.5	52.5	32.5	22.5		
Digit 12	Code	3	4	1	V			
	Length(mm)	3.5	4.0	6.0	3.2			
Digit 13	Code	A	B	C				
	Diameter(mm)	0.8	1.0	1.2				
Digit 14	Code	2	4					
	Pins	2	4					
Digit 15	Code	A	J	K	M	B		
	Lead spacing(P1)	0	5.1	10.2	20.3	12.7		

Digit 16-18	Code	Explanation	Code	Explanation	Code	Explanation

TYPE : SNW	SPECIFICATION	DIMENSION
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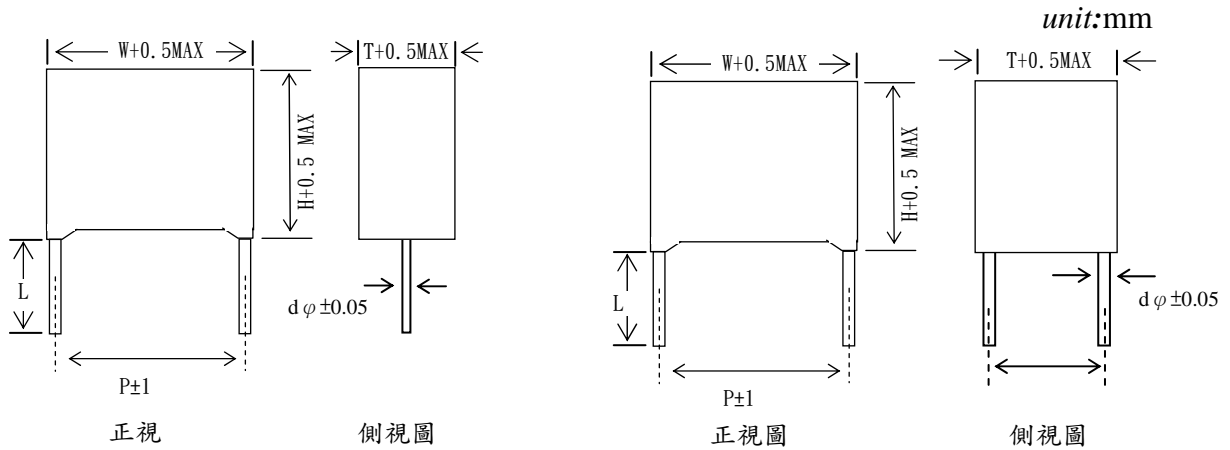
CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						$d\phi$ ± 0.05	dv/dt (v/ μs)	I _{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	I _{rms} (A) @70°C				ESR (m Ω)		
0.10	700	5	26.5	16.5	7.0	22.5	-	0.8	1200	120	3.5	26	SNW104J1VX2*A2A000	
0.15	700	5	26.5	17.0	8.5	22.5	-	0.8	1200	180	5.0	18.6	SNW154J1VX2*A2A000	
0.22	700	5	26.5	20.0	11.0	22.5	-	0.8	1200	264	6.5	14	SNW224J1VX2*A2A000	
0.22	700	5	32.0	20.0	11.0	27.5	-	0.8	900	198	6.5	15.6	SNW224J1VX2*A2A000	
0.33	700	5	32.0	22.0	13.0	27.5	-	1.0	900	297	8.5	11.8	SNW334J1VX2*B2A000	
0.47	700	5	32.0	23.5	14.0	27.5	-	1.0	900	423	9.5	9.2	SNW474J1VX2*B2A000	
0.68	700	5	32.0	26.0	18.0	27.5	-	1.2	900	612	13.5	7.4	SNW684J1VX2*C2A000	
1.0	700	5	32.0	31.0	22.0	27.5	-	1.2	900	900	14.0	6.4	SNW105J1VX2*C2A000	
1.0	700	5	32.0	31.0	22.0	27.5	10.2	1.2	900	900	20.0	5	SNW105J1VX2*C4K000	
1.0	700	5	42.5	28.0	16.0	37.5	-	1.2	600	600	13.0	7.8	SNW105J1VX3*C2A000	
1.2	700	5	42.5	31.5	18.5	37.5	-	1.2	600	720	13.0	9.2	SNW125J1VX3*C2A000	
1.5	700	5	42.5	36.0	19.0	37.5	-	1.2	600	900	14.0	6.8	SNW155J1VX3*C2A000	
2.0	700	5	42.5	37.0	28.0	37.5	-	1.2	600	1200	14.0	6.2	SNW205J1VX3*C2A000	
2.0	700	5	42.5	37.0	28.0	37.5	10.2	1.2	600	1200	21.5	4.8	SNW205J1VX3*C4K000	
2.2	700	5	42.5	37.0	28.0	37.5	-	1.2	600	1320	14.0	6	SNW225J1VX3*C2A000	
2.2	700	5	42.5	37.0	28.0	37.5	10.2	1.2	600	1320	22.0	4.6	SNW225J1VX3*C4K000	
2.5	700	5	42.5	37.0	28.0	37.5	-	1.2	600	1500	14.0	5.6	SNW255J1VX3*C2A000	
2.5	700	5	42.5	37.0	28.0	37.5	10.2	1.2	600	1500	22.0	4.4	SNW255J1VX3*C4K000	
3.0	700	5	42.5	45.0	30.0	37.5	-	1.2	600	1800	14.0	5.4	SNW305J1VX3*C2A000	
3.0	700	5	42.5	45.0	30.0	37.5	20.3	1.2	600	1800	26.0	4	SNW305J1VX3*C4M000	
3.3	700	5	42.5	45.0	30.0	37.5	-	1.2	600	1980	14.0	5.2	SNW335J1VX3*C2A000	
3.3	700	5	42.5	45.0	30.0	37.5	20.3	1.2	600	1980	26.0	3.8	SNW335J1VX3*C4M000	
4.0	700	5	57.0	45.0	30.0	37.5	-	1.2	360	1440	14.0	6	SNW405J1VA5*C2A000	
4.0	700	5	57.0	45.0	30.0	37.5	20.3	1.2	360	1440	26.0	4.6	SNW405J1VA5*C4M000	

STRONG COMPONENTS CO.,LTD

TYPE : SNW

SPECIFICATION

DIMENSION



CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt (v/ μs)	I _{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	dφ ± 0.05			I _{rms} (A) @70°C	ESR (mΩ)	
0.068	850	5	26.5	16.5	7.0	22.5	-	0.8	1550	105.4	3.5	27.8	SNW683J1WX2*A2A000
0.10	850	5	26.5	17.0	8.5	22.5	-	0.8	1550	155.0	5.0	20.8	SNW104J1WX2*A2A000
0.15	850	5	26.5	19.0	10.0	22.5	-	0.8	1550	232.5	6.5	15	SNW154J1WX2*A2A000
0.15	850	5	32.0	20.0	11.0	27.5	-	0.8	1120	168.0	6.5	17.2	SNW154J1WX2*A2A000
0.22	850	5	32.0	22.0	13.0	27.5	-	1.0	1120	246.4	8.0	12.8	SNW224J1WX2*B2A000
0.33	850	5	32.0	23.5	14.0	27.5	-	1.0	1120	369.6	10.0	9.8	SNW334J1WX2*B2A000
0.47	850	5	32.0	26.0	18.0	27.5	-	1.2	1120	526.4	13.0	7.8	SNW474J1WX2*C2A000
0.68	850	5	32.0	31.0	22.0	27.5	-	1.2	1120	761.6	14.0	6.6	SNW684J1WX2*C2A000
0.68	850	5	32.0	31.0	22.0	27.5	10.2	1.2	1120	761.6	19.5	5.2	SNW684J1WX2*C4K000
0.68	850	5	42.5	28.0	16.0	37.5	-	1.2	750	510.0	12.5	16.5	SNW684J1WX3*C2A000
0.82	850	5	42.5	30.0	17.0	37.5	-	1.2	750	615.0	13.0	13.9	SNW824J1WX3*C2A000
1.0	850	5	42.5	31.5	18.5	37.5	-	1.2	750	750.0	14.0	11.2	SNW105J1WX3*C2A000
1.2	850	5	42.5	36.0	19.0	37.5	-	1.2	750	900.0	14.0	9.8	SNW125J1WX3*C2A000
1.5	850	5	42.5	37.0	28.0	37.5	-	1.2	750	1125	14.0	7.8	SNW155J1WX3*C2A000
1.5	850	5	42.5	37.0	28.0	37.5	10.2	1.2	750	1125	19.5	6.8	SNW155J1WX3*C4K000
2.0	850	5	42.5	45.0	30.0	37.5	-	1.2	750	1500	14.0	6.8	SNW205J1WX3*C2A000
2.0	850	5	42.5	45.0	30.0	37.5	20.3	1.2	750	1500	26.0	5.4	SNW205J1WX3*C4M000
2.2	850	5	42.5	45.0	30.0	37.5	-	1.2	750	1650	14.0	6.5	SNW225J1WX3*C2A000
2.2	850	5	42.5	45.0	30.0	37.5	20.3	1.2	750	1650	26.0	4.8	SNW225J1WX3*C4M000
2.5	850	5	42.5	45.0	30.0	37.5	-	1.2	750	1875	14.0	5.2	SNW255J1WX3*C2A000
2.5	850	5	42.5	45.0	30.0	37.5	20.3	1.2	750	1875	26.0	4.0	SNW255J1WX3*C4M000
3.0	850	5	57.0	45.0	30.0	52.5	-	1.2	450	1350	14.0	5.6	SNW305J1WX5*C2A000
3.0	850	5	57.0	45.0	30.0	52.5	20.3	1.2	450	1350	26.0	4.2	SNW305J1WX5*C4M000
3.3	850	5	57.0	45.0	30.0	52.5	-	1.2	450	1485	14.0	5.4	SNW335J1WX5*C2A000
3.3	850	5	57.0	45.0	30.0	52.5	20.3	1.2	450	1485	26.0	4	SNW335J1WX5*C4M000

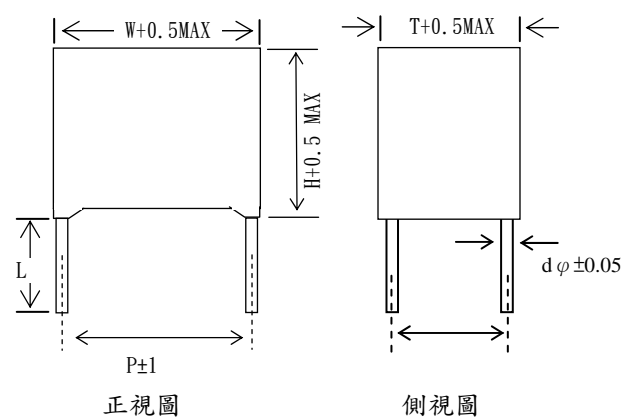
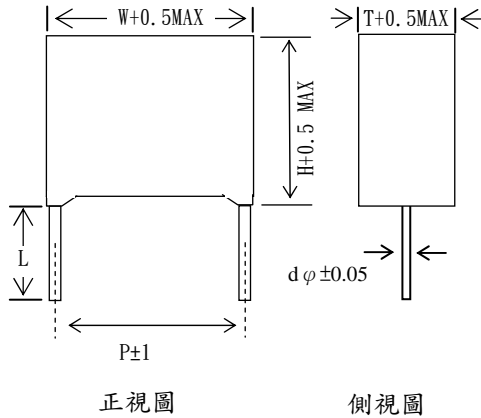
STRONG COMPONENTS CO.,LTD

TYPE : SNW

SPECIFICATION

DIMENSION

unit:mm



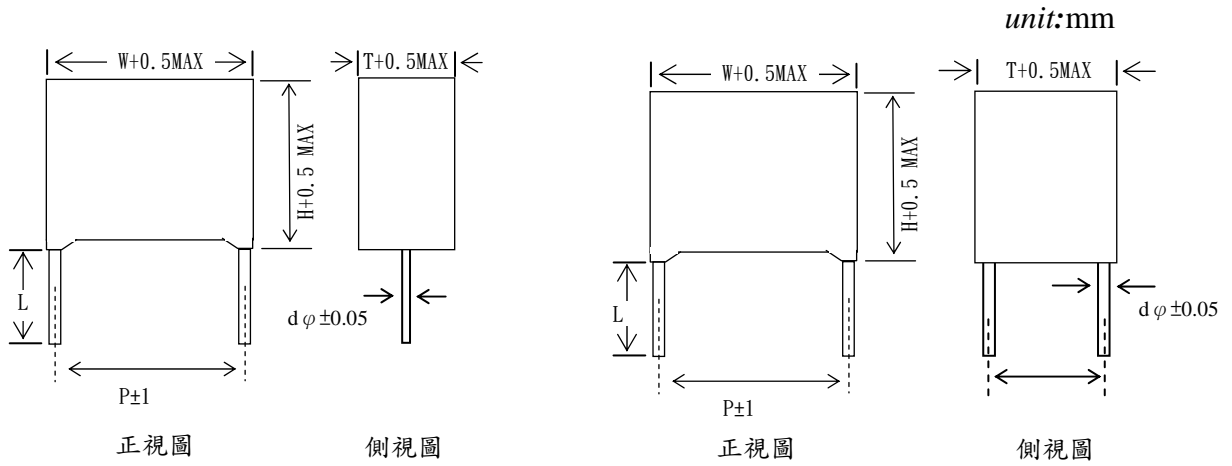
CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						$d\phi$ ± 0.05	dv/dt (v/ μs)	I _{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	I _{rms} (A) @70°C				ESR (m Ω)		
0.047	1000	5	26.5	16.5	7.0	22.5	-	0.8	1800	84.7	3.0	36	SNW473J3AX2*A2A000	
0.068	1000	5	26.5	17.0	8.5	22.5	-	0.8	1800	122.4	4.0	27	SNW683J3AX2*A2A000	
0.10	1000	5	26.5	20.0	11.0	22.5	-	0.8	1800	180	5.0	19.8	SNW104J3AX2*A2A000	
0.10	1000	5	32.0	18.0	9.0	27.5	-	0.8	1300	130	5.0	22	SNW104J3AX2*A2A000	
0.15	1000	5	26.5	21.5	12.0	22.5	-	0.8	1800	270	7.0	14.6	SNW154J3AX2*A2A000	
0.15	1000	5	32.0	20.0	11.0	27.5	-	0.8	1300	195	6.5	16.4	SNW154J3AX2*A2A000	
0.22	1000	5	32.0	22.0	13.0	27.5	-	1	1300	286	8.5	11.4	SNW224J3AX2*B2A000	
0.33	1000	5	32.0	28.0	14.0	27.5	-	1	1300	429	12.0	9	SNW334J3AX2*B2A000	
0.47	1000	5	32.0	33.0	18.0	27.5	-	1.2	1300	611	14.0	7.4	SNW474J3AX2*C2A000	
0.68	1000	5	32.0	35.0	21.0	27.5	-	1.2	1120	761.6	14.0	9	SNW684J3AX2*C2A000	
0.68	1000	5	32.0	35.0	21.0	27.5	10.2	1.2	1120	761.6	14.0	7.4	SNW684J3AX2*C4K000	
0.47	1000	5	42.5	28.0	16.0	37.5	-	1.2	870	408.9	12.0	10	SNW474J3AX3*C2A000	
0.68	1000	5	42.5	30.0	17.0	37.5	-	1.2	870	591.6	14.0	8.6	SNW684J3AX3*C2A000	
1.0	1000	5	42.5	37.0	22.0	37.5	-	1.2	750	750	13.5	9.2	SNW105J3AX3*C2A000	
1.0	1000	5	42.5	37.0	22.0	37.5	10.2	1.2	750	750	15.0	7.8	SNW105J3AX3*C4K000	
1.5	1000	5	42.5	45.0	30.0	37.5	-	1.2	870	1305	14.0	6.8	SNW155J3AX3*C2A000	
1.5	1000	5	42.5	45.0	30.0	37.5	20.3	1.2	870	1305	25.0	5.4	SNW155J3AX3*C4M000	
2.0	1000	5	57.0	45.0	30.0	52.5	-	1.2	500	1000	14.0	6.4	SNW205J3AX5*C2A000	
2.0	1000	5	57.0	45.0	30.0	52.5	20.3	1.2	500	1000	26.0	5	SNW205J3AX5*C4M000	
2.2	1000	5	57.0	45.0	30.0	52.5	-	1.2	500	1100	14.0	6.2	SNW225J3AX5*C2A000	
2.2	1000	5	57.0	45.0	30.0	52.5	20.3	1.2	500	1100	26.0	4.8	SNW225J3AX5*C4M000	
3.0	1000	5	57.0	50.0	35.0	52.5	-	1.2	500	1500	14.0	5.4	SNW305J3AX5*C2A000	
3.0	1000	5	57.0	50.0	35.0	52.5	20.3	1.2	500	1500	26.0	4	SNW305J3AX5*C4M000	
3.3	1000	5	57.0	50.0	35.0	52.5	-	1.2	500	1650	14.0	5.4	SNW335J3AX5*C2A000	
3.3	1000	5	57.0	50.0	35.0	52.5	20.3	1.2	500	1650	26.0	4	SNW335J3AX5*C4M000	

STRONG COMPONENTS CO.,LTD

TYPE : SNW

SPECIFICATION

DIMENSION

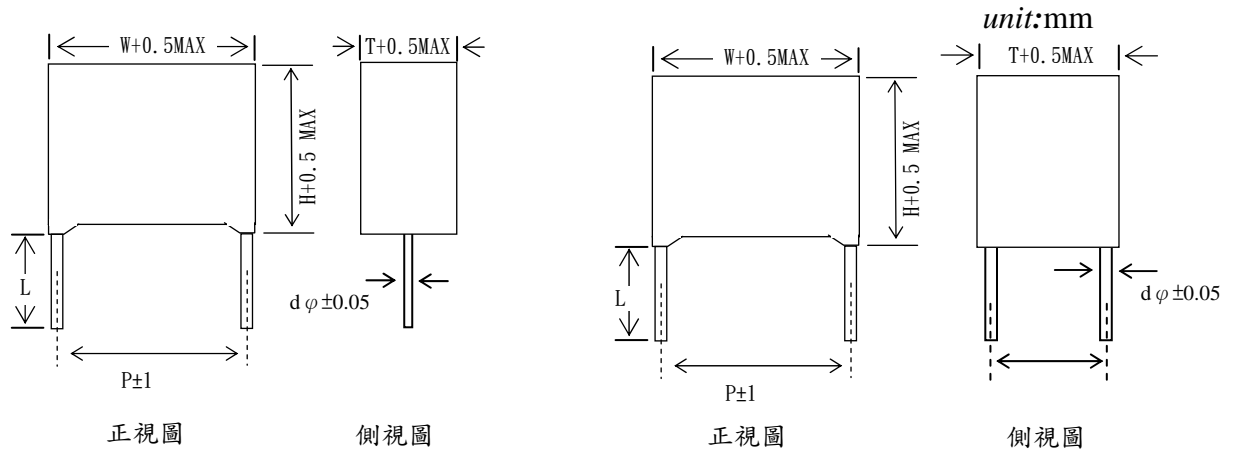


CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						$d\varphi$ ± 0.05	dv/dt (v/ μs)	I_{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	I_{rms} (A) @70°C				ESR (m Ω)		
0.033	1200	5	26.5	16.5	7.0	22.5	-	0.8	2000	66	3.0	46	SNW333J3LX2*A2A000	
0.047	1200	5	26.5	17.0	8.5	22.5	-	0.8	2000	94	3.5	33.8	SNW473J3LX2*A2A000	
0.068	1200	5	26.5	19.0	10.0	22.5	-	0.8	2000	136	4.5	25.4	SNW683J3LX2*A2A000	
0.10	1200	5	26.5	21.5	12.0	22.5	-	0.8	2000	200	6.0	28.6	SNW104J3LX2*A2A000	
0.068	1200	5	32.0	18.0	9.0	27.5	-	0.8	1500	102	4.0	19.4	SNW683J3LX2*A2A000	
0.10	1200	5	32.0	20.0	11.0	27.5	-	0.8	1500	150	5.5	21.2	SNW104J3LX2*A2A000	
0.15	1200	5	32.0	22.0	13.0	27.5	-	1.0	1500	225	7.0	15.2	SNW154J3LX2*B2A000	
0.22	1200	5	32.0	24.5	15.0	27.5	-	1.0	1500	330	9.0	10.8	SNW224J3LX2*B2A000	
0.33	1200	5	32.0	33.0	18.0	27.5	-	1.2	1500	495	12.5	8.6	SNW334J3LX2*C2A000	
0.47	1200	5	32.0	35.0	21.0	27.5	-	1.2	1500	705	14.0	6.8	SNW474J3LX2*C2A000	
0.47	1200	5	32.0	35.0	21.0	27.5	10.2	1.2	1500	705	19.5	5.4	SNW474J3LX2*C4K000	
0.33	1200	5	42.5	28.0	16.0	37.5	-	1.2	1000	330	11.5	11	SNW334J3LX3*C2A000	
0.47	1200	5	42.5	30.0	17.0	37.5	-	1.2	1000	470	13.0	9.6	SNW474J3LX3*C2A000	
0.68	1200	5	42.5	36.0	19.0	37.5	-	1.2	1000	680	14.0	7.8	SNW684J3LX3*C2A000	
0.82	1200	5	42.5	37.0	22.0	37.5	-	1.2	1000	820	14.0	7	SNW824J3LX3*C2A000	
0.82	1200	5	42.5	37.0	22.0	37.5	10.2	1.2	1000	820	17.5	6.4	SNW824J3LX3*C4K000	
1.0	1200	5	42.5	37.0	28.0	37.5	-	1.2	1000	1000	14.0	6.8	SNW105J3LX3*C2A000	
1.0	1200	5	42.5	37.0	28.0	37.5	10.2	1.2	1000	1000	20.5	6	SNW105J3LX3*C4K000	
1.2	1200	5	42.5	45.0	30.0	37.5	-	1.2	1000	1200	14.0	6.4	SNW125J3LX3*C2A000	
1.2	1200	5	42.5	45.0	30.0	37.5	20.3	1.2	1000	1200	23.5	5.6	SNW125J3LX3*C4M000	
1.5	1200	5	42.5	45.0	30.0	37.5	-	1.2	1000	1500	14.0	5.6	SNW155J3LX3*C2A000	
1.5	1200	5	42.5	45.0	30.0	37.5	20.3	1.2	1000	1500	25.5	4.2	SNW155J3LX3*C4M000	
2.0	1200	5	57.0	45.0	30.0	52.5	-	1.2	575	1150	14.0	9.6	SNW205J3LX5*C2A000	
2.0	1200	5	57.0	45.0	30.0	52.5	20.3	1.2	575	1150	26.0	8.2	SNW205J3LX5*C4M000	

TYPE : SNW

SPECIFICATION

DIMENSION

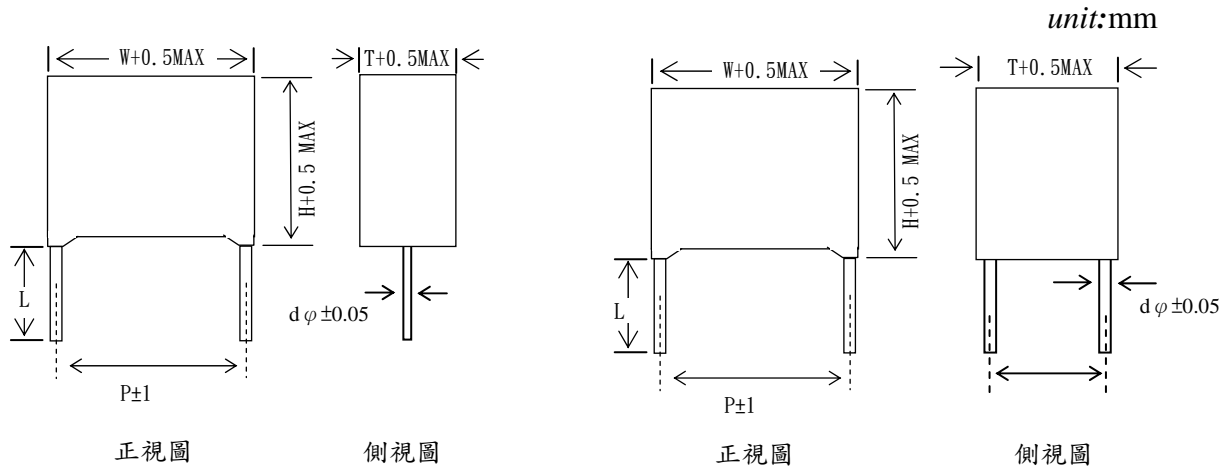


CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt (v/ μs)	I _{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	d ϕ ± 0.05			I _{rms} (A) @70°C	ESR (m Ω)	
0.022	1500	5	26.5	16.5	7.0	22.5	-	0.8	2500	55	2.5	59	SNW223J3NX2*A2A000
0.033	1500	5	26.5	17.0	8.5	22.5	-	0.8	2500	82.5	3.0	43.6	SNW333J3NX2*A2A000
0.047	1500	5	26.5	19.0	10.0	22.5	-	0.8	2500	117.5	3.5	33	SNW473J3NX2*A2A000
0.068	1500	5	26.5	21.5	12.0	22.5	-	0.8	2500	170	5.0	24.6	SNW683J3NX2*A2A000
0.047	1500	5	32.0	18.0	9.0	27.5	-	0.8	1900	89.3	3.5	36.4	SNW473J3NX2*A2A000
0.068	1500	5	32.0	20.0	11.0	27.5	-	0.8	1900	129.2	5.0	27.6	SNW683J3NX2*A2A000
0.10	1500	5	32.0	22.0	13.0	27.5	-	1.0	1900	190	6.5	19	SNW104J3NX2*B2A000
0.15	1500	5	32.0	24.5	15.0	27.5	-	1.0	1900	285	8.0	14.2	SNW154J3NX2*B2A000
0.22	1500	5	32.0	33.0	18.0	27.5	-	1.2	1900	418	12.0	10.2	SNW224J3NX2*C2A000
0.33	1500	5	32.0	35.0	21.0	27.5	-	1.2	1900	627	14.0	8.2	SNW334J3NX2*C2A000
0.33	1500	5	32.0	35.0	21.0	27.5	10.2	1.2	1900	627	17.5	6.8	SNW334J3NX2*C4K000
0.22	1500	5	42.5	28.0	16.0	37.5	-	1.2	1220	268.4	10.5	13.6	SNW224J3NX3*C2A000
0.33	1500	5	42.5	31.5	18.5	37.5	-	1.2	1220	402.6	12.5	10.6	SNW334J3NX3*C2A000
0.47	1500	5	42.5	36.0	19.0	37.5	-	1.2	1220	573.4	14.0	8.8	SNW474J3NX3*C2A000
0.56	1500	5	42.5	40.0	26.0	37.5	-	1.2	1220	683.2	14.0	8.2	SNW564J3NX3*C2A000
0.56	1500	5	42.5	40.0	26.0	37.5	10.2	1.2	1220	683.2	17.5	6.8	SNW564J3NX3*C4K000
0.68	1500	5	42.5	37.0	28.0	37.5	-	1.2	1220	829.6	14.0	7.6	SNW684J3NX3*C2A000
0.68	1500	5	42.5	37.0	28.0	37.5	10.2	1.2	1220	829.6	19.5	6.2	SNW684J3NX3*C4K000
1.0	1500	5	42.5	45.0	30.0	37.5	-	1.2	1220	1220	14.0	6.4	SNW105J3NX3*C2A000
1.0	1500	5	42.5	45.0	30.0	37.5	20.3	1.2	1220	1220	23.5	5.0	SNW105J3NX3*C4M000
1.2	1500	5	57.0	45.0	30.0	52.5	-	1.2	725	870	14.0	7.0	SNW125J3NX5*C2A000
1.2	1500	5	57.0	45.0	30.0	52.5	20.3	1.2	725	870	24.5	5.6	SNW125J3NX5*C4M000
1.5	1500	5	57.0	50.0	35.0	52.5	-	1.2	725	1087.5	14.0	6.4	SNW155J3NX5*C2A000
1.5	1500	5	57.0	50.0	35.0	52.5	20.3	1.2	725	1087.5	26.0	5.0	SNW155J3NX5*C4M000
1.8	1500	5	57.0	50.0	35.0	52.5	-	1.2	725	1305	14.0	6.0	SNW185J3NX5*C2A000
1.8	1500	5	57.0	50.0	35.0	52.5	20.3	1.2	725	1305	26.0	4.6	SNW185J3NX5*C4M000

TYPE : SNW

SPECIFICATION

DIMENSION

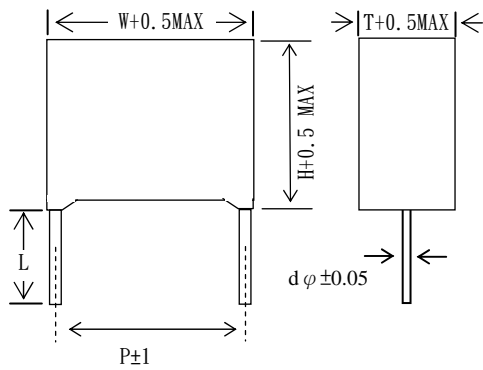


CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt (v/ μs)	I _{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	d ϕ ± 0.05			I _{rms} (A) @70°C	ESR (m Ω)	
0.015	2000	5	26.5	16.5	7.0	22.5	-	0.8	3600	54.0	2.0	75	SNW153J3DX2*A2A000
0.022	2000	5	26.5	17.0	8.5	22.5	-	0.8	3600	79.2	2.5	55	SNW223J3DX2*A2A000
0.033	2000	5	26.5	20.0	11.0	22.5	-	0.8	3600	118.8	4.0	41	SNW333J3DX2*A2A000
0.047	2000	5	26.5	21.5	12.0	22.5	-	0.8	3600	169.2	5.0	29.6	SNW473J3DX2*A2A000
0.033	2000	5	32.0	20.0	11.0	27.5	-	0.8	2550	84.1	3.5	47.4	SNW333J3DX2*A2A000
0.047	2000	5	32.0	20.0	11.0	27.5	-	0.8	2550	119.8	4.5	33.6	SNW473J3DX2*A2A000
0.068	2000	5	32.0	22.0	13.0	27.5	-	1.0	2550	173.4	5.5	24.2	SNW683J3DX2*B2A000
0.10	2000	5	32.0	24.5	15.0	27.5	-	1.0	2550	255.0	7.5	16.8	SNW104J3DX2*B2A000
0.15	2000	5	32.0	33.0	18.0	27.5	-	1.2	2550	382.5	11.0	13	SNW154J3DX2*C2A000
0.22	2000	5	32.0	35.0	21.0	27.5	-	1.2	2550	561.0	13.0	10.4	SNW224J3DX2*C2A000
0.22	2000	5	32.0	35.0	21.0	27.5	10.2	1.2	2550	561.0	15.0	9	SNW224J3DX2*C4K000
0.15	2000	5	42.5	28.0	16.0	37.5	-	1.2	1600	240.0	9.0	16	SNW154J3DX3*C2A000
0.22	2000	5	42.5	30.0	17.0	37.5	-	1.2	1600	352.0	12.0	11.2	SNW224J3DX3*C2A000
0.33	2000	5	42.5	37.0	22.0	37.5	-	1.2	1600	528.0	14.0	9.4	SNW334J3DX3*C2A000
0.33	2000	5	42.5	37.0	22.0	37.5	10.2	1.2	1600	528.0	17.0	8	SNW334J3DX3*C4K000
0.47	2000	5	42.5	37.0	28.0	37.5	-	1.2	1600	752.0	14.0	8	SNW474J3DX3*C2A000
0.47	2000	5	42.5	37.0	28.0	37.5	10.2	1.2	1600	752.0	19.0	6.6	SNW474J3DX3*C4K000
0.56	2000	5	42.5	45.0	30.0	37.5	-	1.2	1600	896.0	14.0	7.4	SNW564J3DX3*C2A000
0.56	2000	5	42.5	45.0	30.0	37.5	20.3	1.2	1600	896.0	21.5	6	SNW564J3DX3*C4M000
0.68	2000	5	57.0	45.0	30.0	52.5	-	1.2	930	632.4	14.0	8.6	SNW684J3DX5*C2A000
0.68	2000	5	57.0	45.0	30.0	52.5	20.3	1.2	930	632.4	22.0	7	SNW684J3DX5*C4M000
0.82	2000	5	57.0	45.0	30.0	52.5	-	1.2	930	762.6	14.0	7.8	SNW824J3DX5*C2A000
0.82	2000	5	57.0	45.0	30.0	52.5	20.3	1.2	930	762.6	23.5	6.2	SNW824J3DX5*C4M000
1.0	2000	5	57.0	50.0	35.0	52.5	-	1.2	930	930.0	14.0	7.2	SNW105J3DX5*C2A000
1.0	2000	5	57.0	50.0	35.0	52.5	20.3	1.2	930	930.0	26.0	5.8	SNW105J3DX5*C4M000

TYPE : SNW

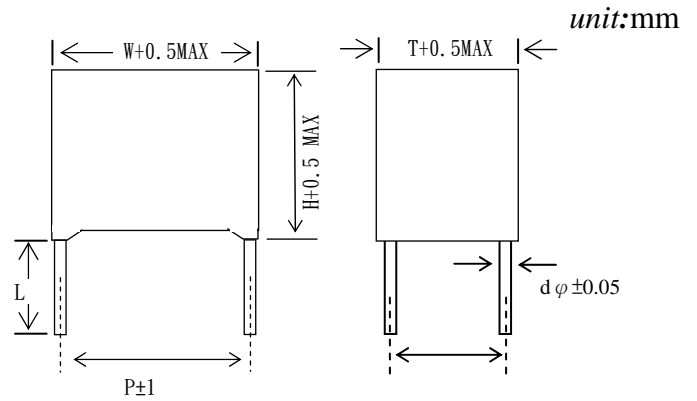
SPECIFICATION

DIMENSION



正視圖

側視圖



正視圖

側視圖

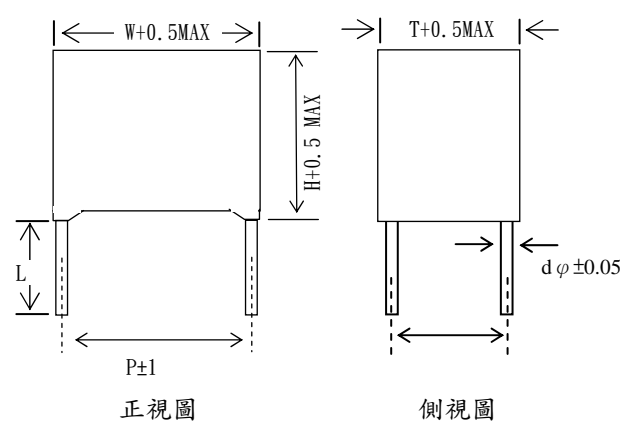
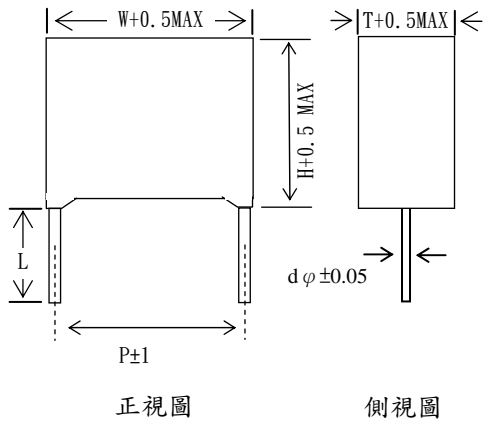
CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt ($v/\mu s$)	I_{peak} (A)	100KHz		SCC P/N
			W	H	T	P	$P1$	$d\phi$ ± 0.05			$I_{rms}(A)$ @70°C	ESR ($m\Omega$)	
0.0068	2500	5	26.5	16.5	7.0	22.5	-	0.8	4900	33.2	1.5	136	SNW682J3EX2*A2A000
0.010	2500	5	26.5	17.0	8.5	22.5	-	0.8	4900	49.0	2.0	102	SNW103J3EX2*A2A000
0.015	2500	5	26.5	19.0	10.0	22.5	-	0.8	4900	73.5	2.5	72	SNW153J3EX2*A2A000
0.022	2500	5	26.5	21.5	12.0	22.5	-	0.8	4900	107.8	3.5	53	SNW223J3EX2*A2A000
0.022	2500	5	32.0	20.0	11.0	27.5	-	0.8	3350	73.7	3.0	61	SNW223J3EX2*A2A000
0.033	2500	5	32.0	22.0	13.0	27.5	-	1	3350	110.5	4.0	45	SNW333J3EX2*B2A000
0.047	2500	5	32.0	24.5	15.0	27.5	-	1	3350	157.4	5.5	32	SNW473J3EX2*B2A000
0.068	2500	5	32.0	26.0	17.5	27.5	-	1.2	3350	227.8	8.0	22.6	SNW683J3EX2*C2A000
0.10	2500	5	32.0	33.0	18.0	27.5	-	1.2	3350	335.0	9.5	15.2	SNW104J3EX2*C2A000
0.15	2500	5	32.0	37.0	22.0	27.5	-	1.2	3350	502.5	12.5	12	SNW154J3EX2*C2A000
0.15	2500	5	32.0	37.0	22.0	27.5	10.2	1.2	3350	502.5	14.0	10.6	SNW154J3EX2*C4K000
0.15	2500	5	42.5	31.5	18.5	37.5	-	1.2	2050	307.5	10.0	15.4	SNW154J3EX3*C2A000
0.22	2500	5	42.5	37.0	28.0	37.5	-	1.2	2050	451.0	13.5	11.6	SNW224J3EX3*C4K000
0.22	2500	5	42.5	37.0	28.0	37.5	10.2	1.2	2050	451.0	15.0	10.2	SNW224J3EX3*C4K000
0.30	2500	5	42.5	44.0	24.0	37.5	-	1.2	2050	615.0	14.0	10	SNW304J3EX3*C2A000
0.30	2500	5	42.5	44.0	24.0	37.5	10.2	1.2	2050	615.0	16.0	9.2	SNW304J3EX3*C4K000
0.33	2500	5	42.5	45.0	30.0	37.5	-	1.2	2050	676.5	14.0	8.6	SNW334J3EX3*C2A000
0.33	2500	5	42.5	45.0	30.0	37.5	20.3	1.2	2050	676.5	19.0	7.6	SNW334J3EX3*C4K000
0.39	2500	5	42.5	45.0	30.0	37.5	-	1.2	2050	799.5	14.0	8.6	SNW394J3EX3*C2A000
0.39	2500	5	42.5	45.0	30.0	37.5	20.3	1.2	2050	799.5	20.5	7.2	SNW394J3EX3*C4M000
0.47	2500	5	57.0	45.0	30.0	52.5	-	1.2	1150	540.5	14.0	9.2	SNW474J3EX5*C2A000
0.47	2500	5	57.0	45.0	30.0	52.5	20.3	1.2	1150	540.5	21.0	7.2	SNW474J3EX5*C4M000
0.56	2500	5	57.0	45.0	30.0	52.5	-	1.2	1150	644.0	14.0	8.6	SNW564J3EX5*C2A000
0.56	2500	5	57.0	45.0	30.0	52.5	20.3	1.2	1150	644.0	22.0	7.2	SNW564J3EX5*C4M000

TYPE : SNW

SPECIFICATION

DIMENSION

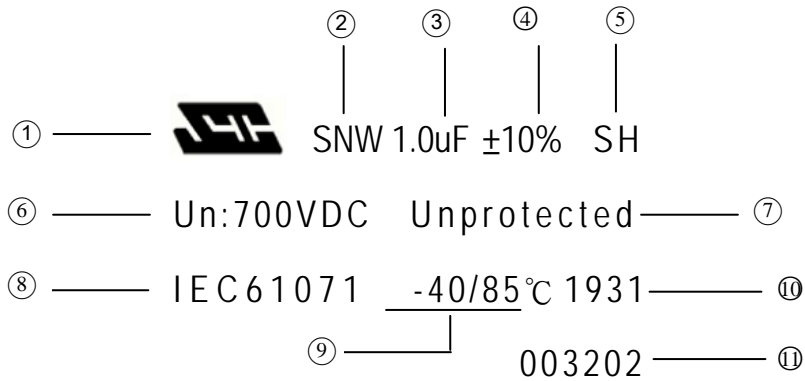
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CAP. (μF)	VOLT. (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt ($v/\mu s$)	I_{peak} (A)	100KHz		SCC P/N
			W	H	T	P	P1	$d\phi$ ± 0.05			$I_{rms}(A)$ @70°C	ESR ($m\Omega$)	
0.0047	3000	5	26.5	16.5	7.0	22.5	-	0.8	6300	29.6	1.5	174	SNW472J3YX2*A2A000
0.0068	3000	5	26.5	17.0	8.5	22.5	-	0.8	6300	42.8	2.0	128	SNW682J3YX2*A2A000
0.010	3000	5	26.5	19.0	10.0	22.5	-	0.8	6300	63.0	2.5	91.4	SNW103J3YX2*A2A000
0.015	3000	5	26.5	21.5	12.0	22.5	-	0.8	6300	94.5	3.0	66	SNW153J3YX2*A2A000
0.010	3000	5	32.0	17.0	9.0	27.5	-	0.8	4350	43.5	2.5	108	SNW103J3YX2*A2A000
0.015	3000	5	32.0	20.0	11.0	27.5	-	0.8	4350	62.2	3.0	76	SNW153J3YX2*A2A000
0.022	3000	5	32.0	22.0	13.0	27.5	-	1.0	4350	95.7	4.0	53	SNW223J3YX2*B2A000
0.033	3000	5	32.0	24.5	15.0	27.5	-	1.0	4350	143.5	5.0	38	SNW333J3YX2*B2A000
0.047	3000	5	32.0	33.0	18.0	27.5	-	1.2	4350	204.4	7.5	27.6	SNW473J3YX2*C2A000
0.068	3000	5	32.0	35.0	21.0	27.5	-	1.2	4350	295.8	9.5	21	SNW683J3YX2*C2A000
0.068	3000	5	32.0	35.0	21.0	27.5	10.2	1.2	4350	295.8	10.5	19.4	SNW683J3YX2*C4K000
0.068	3000	5	42.5	28.0	16.0	37.5	-	1.0	2500	170.0	7.5	24.8	SNW683J3YX3*B2A000
0.10	3000	5	42.5	31.5	18.5	37.5	-	1.2	2500	250.0	9.5	18.8	SNW104J3YX3*C2A000
0.12	3000	5	42.5	37.0	22.0	37.5	-	1.2	2500	300.0	10.5	17.6	SNW124J3YX3*C2A000
0.12	3000	5	42.5	37.0	22.0	37.5	10.2	1.2	2500	300.0	11.5	16.4	SNW124J3YX3*C4K000
0.15	3000	5	42.5	37.0	22.0	37.5	-	1.2	2500	375.0	12.5	13.6	SNW154J3YX3*C2A000
0.15	3000	5	42.5	37.0	22.0	37.5	10.2	1.2	2500	375.0	14.0	12.2	SNW154J3YX3*C4K000
0.18	3000	5	42.5	44.0	24.0	37.5	-	1.2	2500	450.0	13.0	13	SNW184J3YX3*C2A000
0.18	3000	5	42.5	44.0	24.0	37.5	10.2	1.2	2500	450.0	15.0	11.8	SNW184J3YX3*C4K000
0.22	3000	5	42.5	44.0	28.0	37.5	-	1.2	2500	550.0	14.0	10.4	SNW224J3YX3*C2A000
0.22	3000	5	42.5	44.0	28.0	37.5	10.2	1.2	2500	550.0	18.0	9.0	SNW224J3YX3*C4K000
0.33	3000	5	57.0	45.0	30.0	52.5	-	1.2	1400	462.0	14.0	10.2	SNW334J3YX5*C2A000
0.33	3000	5	57.0	45.0	30.0	52.5	20.3	1.2	1400	462.0	20.0	8.8	SNW334J3YX5*C4M000
0.47	3000	5	57.0	50.0	35.0	52.5	-	1.2	1400	658.0	14.0	9.0	SNW474J3YX5*C2A000
0.47	3000	5	57.0	50.0	35.0	52.5	20.3	1.2	1400	658.0	21.0	8.0	SNW474J3YX5*C4M000

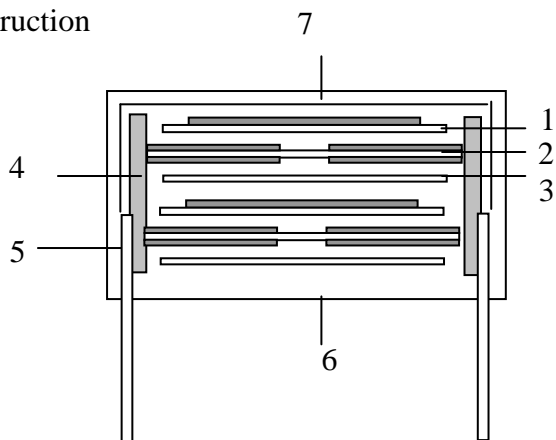
STRONG COMPONENTS CO.,LTD

Marking



- ① Company Logo: **SCC**   
- ② Part Name
- ③ Rated Capacitance
- ④ Capacitance Tolerance
- ⑤ Self-healing
- ⑥ Un
- ⑦ Without protective device
- ⑧ standard
- ⑨ Operating temperature
- ⑩ Date Code (1931; week 31 of 2019)
- ⑪ Production batch number

Construction



- 1. Metallized polypropylene film(AL)
- 2. Double sided metallized polyester film(AL)
- 3. Polypropylene film
- 4. Metal spray. (Zn+ Tin/Zn)
- 5. Lead wire(Tin-plated copper wire)
- 6. Epoxy resin. (UL94V-0、B)
- 7. Case. (UL 94V-0、B)

TYPE : SNW SPECIFICATION		ELECTRICAL CHARACTERISTICS		
No	項目 Item	性能 Performance	條件 Test Conditions	參考標準 Reference Standard
1	使用溫度範圍 Operating Temperature Range	-40°C ~ +110°C (+85°C to 110°C:decreasing Factor 1.5% per°C for VR(DC))		IEC61071:2017 4.1.2
2	額定電壓 Rated Voltage	700,850,1000,1200,1500,2000, 2500,3000 VDC		IEC61071:2017 3.0
3	耐電壓 Withstand Voltage	端子間 Between Terminals 端子外裝間 Between Terminals & Enclosure 無異常 No abnormality.	Rated voltage x 150% 10 sec Charge and discharge current shall not exceed 10 mA	IEC61071:2017 5.5
			Rated voltage x 200% +1000V, 10 sec	IEC61071:2017 5.6
4	絕緣阻抗 Insulation Resistance	≥ 30,000 S	Charge time: 60 ±5sec. Charge voltage: 100VDC Test Temp: 20°C	
5	靜電容量 Capacitance	於指定範圍內 Within specified tolerance	at 1 KHz ±10% Measure voltage at 1 Vrms Test temp: 20°C	IEC61071:2017 5.3.2
6	散逸因數 Dissipation Factor	0.2% at 1KHz	Measure voltage at 1 Vrms Test temp: 20°C	IEC61071:2017 5.4
7	端子強度 Terminal Strength	抗拉強度 Pull Strength 扭轉強度 Bending Strength	Wire diameter: 0.6&0.8 mm Load: 1 kg, time: 10 sec. Wire diameter: 1.0& 1.2mm Load: 2 kg, time: 20 sec.	IEC61071:2017 5.14.1
			Wire diameter: 0.6 & 0.8 mm 1.0 & 1.2mm 90° x 4 time	
8	耐震性 Vibration Proof	無明顯異常 No abnormality of the appearance	Frequency range:10-55-10-55 Hz Amplitude: 0.75mm, 2 hrs/direction for 3 directions	IEC61071:2017 5.14.3
9	穩態濕熱試驗 Damp heat Steady state	外觀 Appearance	無明顯異常 No abnormality on appearance	Humidity: 93±3% RH Temperature: +40 ±2°C Duration: 1000 hrs ± 24 hrs IEC61071:2017 5.13.2
		耐電壓 Withstand Voltage	依項目3 Comply with item 3	
		絕緣阻抗 Insulation Resistance	50% of minimum specified value	
		靜電容量變化率 Capacitance Change	△C/C ≤ ± 2% Within ±2%	
		散逸因數 Dissipation Factor	於項目6範圍以內 Within spec of item 6 above.	

TYPE : SNW SPECIFICATION			ELECTRICAL CHARACTERISTICS											
No	項目 Item	性能 Performance	條件 Remark	參考標準 Reference Standard										
10	冷熱衝擊 Rapid change of Temp	外觀 Appearance	無明顯異常 No abnormality on appearance	Total: 5 cycles <table border="1"> <thead> <tr> <th>Step</th> <th>temp</th> <th>time</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-40±3°C</td> <td>3H</td> </tr> <tr> <td>2</td> <td>+110±3°C</td> <td>3H</td> </tr> </tbody> </table> Measure after exposing at normal state for 1-2 hrs.	Step	temp	time	1	-40±3°C	3H	2	+110±3°C	3H	IEC 61071:2017 5.13
		Step	temp		time									
		1	-40±3°C		3H									
		2	+110±3°C		3H									
		耐電壓 Withstand Voltage	依項目 3 Comply with item 3											
絕緣阻抗 Insulation Resistance	50% of minimum specified value													
靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 2\%$ Within $\pm 2\%$													
散逸因數 Dissipation Factor	於項目 6 範圍以內 Within spec of item 6 above.													
11	自愈性 Self healing test	外觀 Appearance	無明顯異常 No abnormality on appearance	250% x Undc	IEC 61071:2017 5.11									
		耐電壓 Withstand Voltage	依項目 3 Comply with item 3											
		絕緣阻抗 Insulation Resistance	50% of minimum specified value											
		靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 0.5\%$ Within $\pm 0.5\%$											
		散逸因數 Dissipation Factor	$\leq 1.1 * \text{initial tan} + 0.01 \%$											
12	衝擊放電試驗 Impact discharge test	外觀 Appearance	無明顯異常 No abnormality on appearance	1.1 x VRDC Number of discharges: 5 Time lapse: every 2 min (10 min total)	IEC 61071:2017 5.9									
		耐電壓 Withstand Voltage	依項目 3 Comply with item 3											
		絕緣阻抗 Insulation Resistance	50% of minimum specified value											
		靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 1\%$ Within $\pm 1\%$											
		散逸因數 Dissipation Factor	$\leq 1.2 * \text{initial tan} + 0.01 \%$											
13	高溫負荷 Endurance Test	外觀 Appearance	無明顯異常 No abnormality on appearance	Temperature: +85 ±2°C App lied voltage 130%x Undc Duration: 1000 +48 /-0 hrs Measure after exposing at normal state for 4 hrs.	IEC 61071:2017 5.15									
		耐電壓 Withstand Voltage	依項目 3 Comply with item 3											
		絕緣阻抗 Insulation Resistance	50% of minimum specified value											
		靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 3\%$ Within $\pm 3\%$											
		散逸因數變化量 Dissipation Factor Change	於項目 6 範圍以內 Within spec of item 6 above.											

TYPE : SNW SPECIFICATION			ELECTRICAL CHARACTERISTICS		
14	高濕/負荷 試驗 Humidity Bias Test	耐電壓 Withstand Voltage	依項目3 Comply with item 3	Humidity:90~95%RH Temperature:40±2°C Applied Voltage100%×UNDC Duration:1000±24hrs Through series resistor of 20~1000 Ω /V to the Capacitor Measure after exposing at Normal state for 4 hrs	AEC-Q200
		絕緣阻抗 Insulation Resistance	50% of minimum specified value		
		靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 10\%$ Within $\pm 10\%$		
		散逸因數變化量 Dissipation Factor Change	$\Delta DF \leq 0.5\% \text{max}$ at 1KHz(20°C)		

電容儲存條件:

溫度: +5 ~ +35°C

濕度: $\leq 75\% \text{ RH}$

電容儲存時間:

依周期計算有效期: 兩年. (超出兩年產品電氣特性需重新選別及檢查產品外觀)

STRONG COMPONENTS CO.,LTD