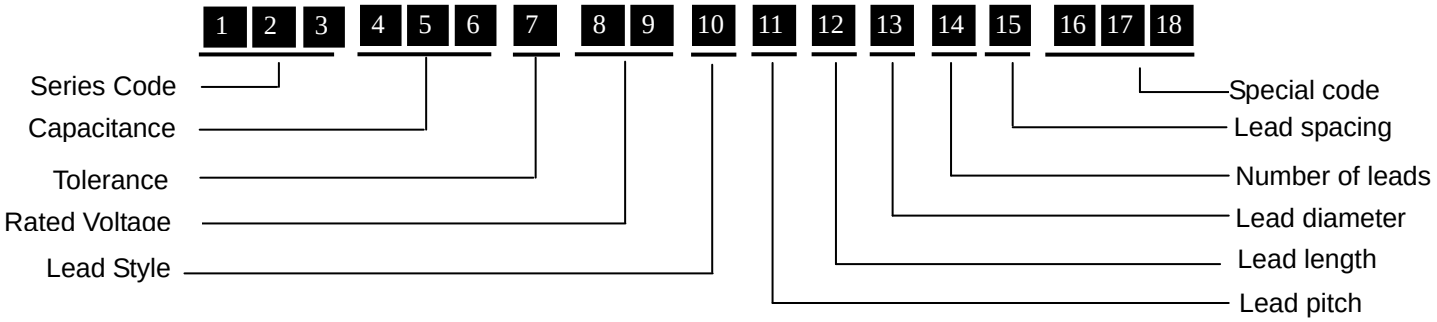
TYPE：FOP SPECIFICATION

Part Numbering System



Digit 1~3	Type	SNW	DLW	FOP	

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=0.001μF

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			

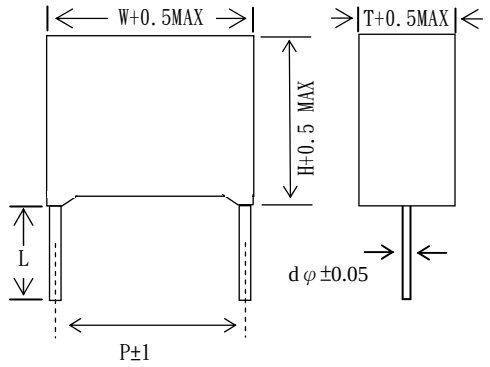
Digit 11	Code	2	3	5	P	J		
	Pitch(mm)	27.5	37.5	52.5	32.5	22.5		
Digit 12	Code	3	4	1	V			
	Length(mm)	3.5	4.0	6.0	3.2			
Digit 13	Code	A	B	C				
	Diameter(mm)	0.8	1.0	1.2				
Digit 14	Code	2	4					
	Pins	2	4					
Digit 15	Code	A	J	K	M	B		
	Lead spacing(P1)	0	5.1	10.2	20.3	12.7		

Notes: * Straight,length is minimum

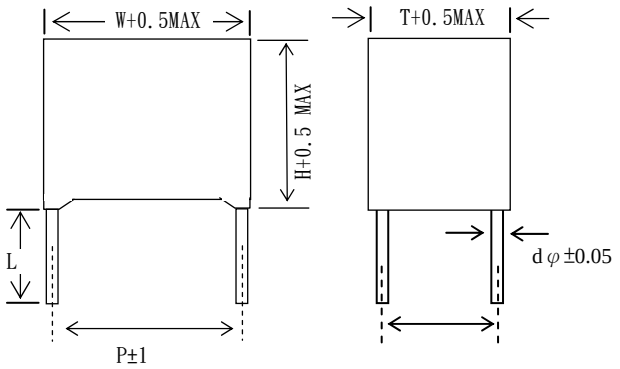
Digit 16~18	Code	Explanation	Code	Explanation	Code	Explanation

TYPE ：FOP	SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

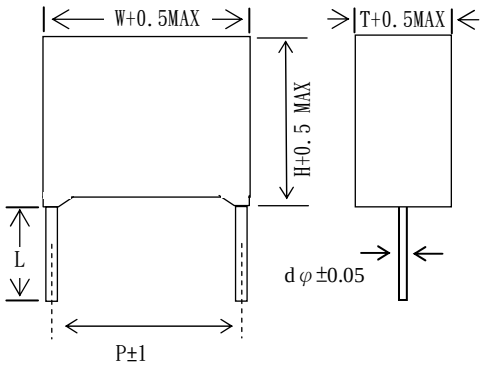


正視圖　　側視圖

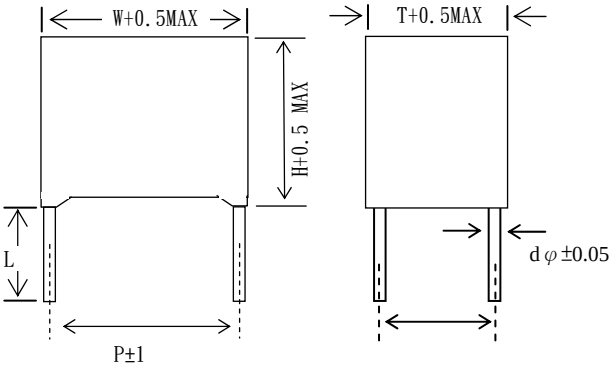
CAP. *(uF)*	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC *P/N*
			W	*H*	*T*	*P*	P1	*dφ*			Irms(A) @70℃	ESR (mΩ)		
4.0	180	5	32.0	22.0	13.0	27.5	-	1.0	70	280	7	9.4	16	FOP405JK1X2*B2A000
5.0	180	5	32.0	28.0	14.0	27.5	-	1.0	70	350	8	8.0	18	FOP505JK1X2*B2A000
6.8	180	5	32.0	33.0	18.0	27.5	-	1.2	70	476	11	7.0	21	FOP685JK1X2*C2A000
10.0	180	5	32.0	30.5	20.0	27.5	-	1.2	70	700	13	4.9	20	FOP106JK1X2*C2A001
10.0	180	5	32.0	33.0	18.0	27.5	—	1.2	70	700	13	4.9	20	FOP106JK1X2*C2A000
10.0	180	5	42.5	30.0	17.0	37.5	-	1.2	40	400	10	7.4	22	FOP106JK1X3*C2A000
15.0	180	5	32.0	41.5	22.0	27.5	—	1.2	70	1050	15	4.5	21	FOP156JK1X2*C2A000
15.0	180	5	42.5	37.0	22.0	37.5	-	1.2	40	600	14	5.9	24	FOP156JK1X3*C2A000
18.0	180	5	42.5	37.0	22.0	37.5	-	1.2	40	720	14	5.4	25	FOP186JK1X3*C2A000
20.0	180	5	42.5	37.0	22.0	37.5	-	1.2	40	800	14	5.0	25	FOP206JK1X3*C2A000
22.0	180	5	42.5	40.0	26.0	37.5	-	1.2	40	880	14	4.4	26	FOP226JK1X3*C2A000
25.0	180	5	42.5	40.0	26.0	37.5	-	1.2	40	1000	14	4.0	27	FOP256JK1X3*C2A000
30.0	180	5	42.5	45.0	30.0	37.5	-	1.2	40	1200	14	3.2	28	FOP306JK1X3*C2A000
33.0	180	5	42.5	45.0	30.0	37.5	-	1.2	40	1320	14	3.0	29	FOP336JK1X3*C2A000
40.0	180	5	57.0	45.0	30.0	52.5	20.3	1.2	20	800	20	4.7	26	FOP406JK1X5*C4M000
50.0	180	5	57.0	50.0	35.0	52.5	20.3	1.2	20	1000	24	3.8	28	FOP506JK1X5*C4M000
60.0	180	5	57.0	50.0	35.0	52.5	20.3	1.2	20	1200	27	3.4	29	FOP606JK1X5*C4M000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

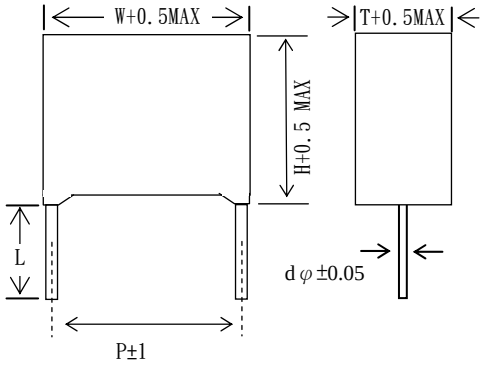


正視圖　　側視圖

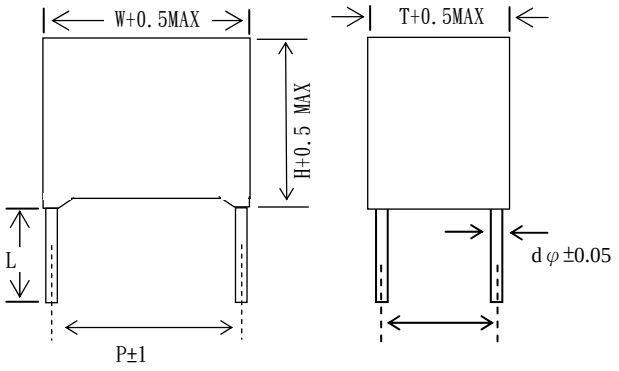
CAP. (uF)	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC P/N
			W	H	T	P	P1	dφ			Irms(A) @70℃	ESR (mΩ)		
1.0	250	5	32.0	18.0	9.0	27.5	-	0.8	90	90	3	22.8	20	FOP105JE2X2*A2A000
1.5	250	5	32.0	20.0	11.0	27.5	-	0.8	90	135	4	16.7	20	FOP155JE2X2*A2A000
2.0	250	5	32.0	22.0	13.0	27.5	-	1.0	90	180	5	12.4	20	FOP205JE2X2*B2A000
2.2	250	5	32.0	22.0	13.0	27.5	-	1.0	90	198	6	11.4	20	FOP225JE2X2*B2A000
2.5	250	5	32.0	22.0	13.0	27.5	-	1.0	90	225	6	10.0	20	FOP255JE2X2*B2A000
3.0	250	5	32.0	24.5	15.0	27.5	-	1.0	90	270	7	8.6	20	FOP305JE2X2*B2A000
3.3	250	5	32.0	24.5	15.0	27.5	-	1.0	90	297	8	7.8	21	FOP335JE2X2*B2A000
3.5	250	5	32.0	28.0	14.0	27.5	-	1.0	90	315	8	7.4	23	FOP355JE2X2*B2A000
4.0	250	5	32.0	33.0	18.0	27.5	-	1.2	90	360	10	6.7	22	FOP405JE2X2*C2A000
4.5	250	5	32.0	33.0	18.0	27.5	-	1.2	90	405	10	6.5	23	FOP455JE2X2*C2A000
5.0	250	5	32.0	33.0	18.0	27.5	-	1.2	90	450	11	5.9	23	FOP505JE2X2*C2A000
6.8	250	5	32.0	35.0	21.0	27.5	-	1.2	90	612	14	4.2	24	FOP685JE2X2*C2A000
4.7	250	5	42.5	26.0	14.5	37.5	-	1.0	60	282	7	10.9	24	FOP475JE2X3*B2A000
5.0	250	5	42.5	26.0	14.5	37.5	-	1.0	60	300	8	10.2	26	FOP505JE2X3*B2A000
6.0	250	5	42.5	28.0	16.0	37.5	-	1.2	60	360	9	8.5	26	FOP605JE2X3*C2A000
6.5	250	5	42.5	28.0	16.0	37.5	-	1.2	60	390	10	7.8	26	FOP655JE2X3*C2A000
6.8	250	5	42.5	31.5	18.5	37.5	-	1.2	60	408	10	7.6	27	FOP685JE2X3*C2A000
7.5	250	5	42.5	31.5	18.5	37.5	-	1.2	60	450	11	6.9	27	FOP755JE2X3*C2A000
8.0	250	5	42.5	37.0	22.0	37.5	-	1.2	60	480	12	6.4	27	FOP805JE2X3*C2A000
10.0	250	5	42.5	37.0	22.0	37.5	-	1.2	60	600	13	5.6	28	FOP106JE2X3*C2A000
12.0	250	5	42.5	40.0	26.0	37.5	-	1.2	60	720	14	4.8	29	FOP126JE2X3*C2A000
15.0	250	5	42.5	40.0	26.0	37.5	-	1.2	60	900	14	3.8	30	FOP156JE2X3*C2A000
18.0	250	5	42.5	41.5	27.5	37.5	-	1.2	60	1080	14	3.2	31	FOP186JE2X3*C2A000
20.0	250	5	42.5	45.0	30.0	37.5	-	1.2	60	1200	14	3.1	32	FOP206JE2X3*C2A000
22.0	250	5	42.5	45.0	30.0	37.5	-	1.2	60	1320	14	2.9	33	FOP226JE2X3*C2A000
25.0	250	5	57.0	45.0	30.0	52.5	20.3	1.2	30	750	18	5.0	31	FOP256JE2X5*C4M000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

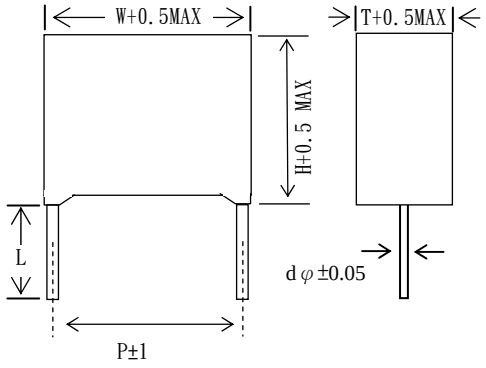


正視圖　　側視圖

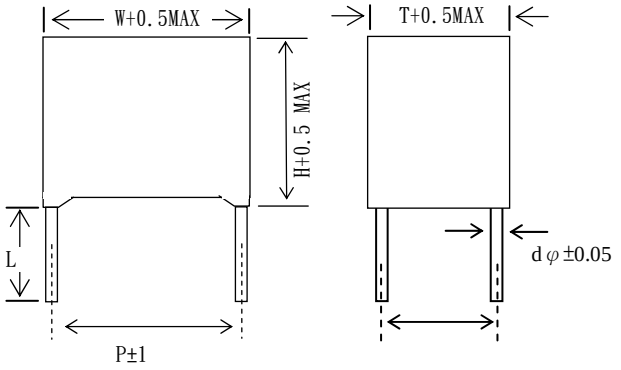
CAP. *(uF)*	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC *P/N*
			W	*H*	*T*	*P*	P1	*dφ*			Irms(A) @70℃	ESR (mΩ)		
30.0	250	5	57.0	45.0	30.0	52.5	20.3	1.2	30	900	20	4.3	32	FOP306JE2X5*C4M000
35.0	250	5	57.0	50.0	35.0	52.5	20.3	1.2	30	1050	23	3.7	32	FOP356JE2X5*C4M000
40.0	250	5	57.0	50.0	35.0	52.5	20.3	1.2	30	1200	25	3.2	33	FOP406JE2X5*C4M000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

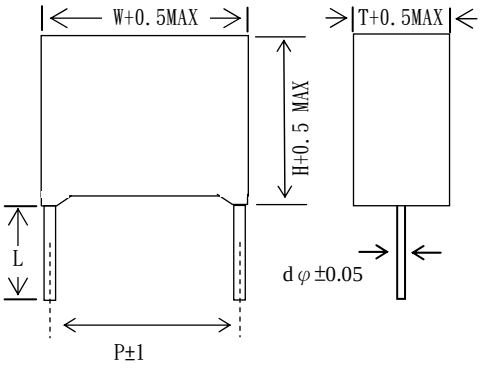


正視圖　　側視圖

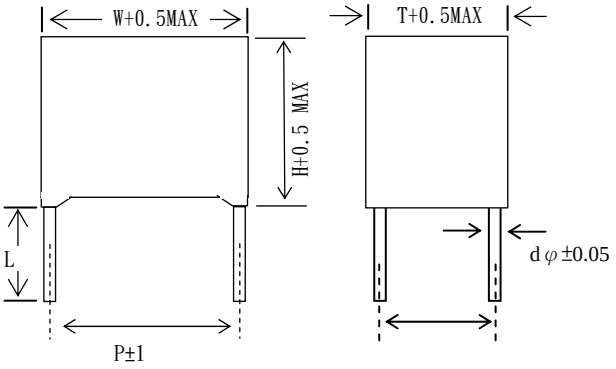
CAP. *(uF)*	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC *P/N*
			W	*H*	*T*	*P*	P1	*dφ*			Irms(A) @70℃	ESR (mΩ)		
1.0	300	5	32.0	20.0	11.0	27.5	-	0.8	100	100	4	19.1	16	FOP105JQ1X2*A2A000
1.5	300	5	32.0	22.0	13.0	27.5	-	1.0	100	150	5	12.7	17	FOP125JQ1X2*B2A000
2.0	300	5	32.0	24.5	15.0	27.5	-	1.0	100	200	6	11.6	18	FOP205JQ1X2*B2A000
2.2	300	5	32.0	24.5	15.0	27.5	-	1.0	100	220	7	10.4	18	FOP225JQ1X2*B2A000
2.5	300	5	32.0	28.0	14.0	27.5	-	1.0	100	250	8	9.4	19	FOP255JQ1X2*B2A000
3.0	300	5	32.0	33.0	18.0	27.5	-	1.2	100	300	9	9.0	21	FOP305JQ1X2*C2A000
3.3	300	5	32.0	33.0	18.0	27.5	-	1.2	100	330	10	8.0	20	FOP335JQ1X2*C2A000
3.5	300	5	32.0	33.0	18.0	27.5	-	1.2	100	350	10	6.5	21	FOP355JQ1X2*C2A000
4.0	300	5	32.0	33.0	18.0	27.5	-	1.2	100	400	11	6.2	21	FOP405JQ1X2*C2A000
4.7	300	5	32.0	35.0	21.0	27.5	-	1.2	100	470	13	5.2	22	FOP475JQ1X2*C2A000
5.0	300	5	32.0	35.0	21.0	27.5	-	1.2	100	500	13	4.4	22	FOP505JQ1X2*C2A000
3.0	300	5	42.5	26.0	14.5	37.5	-	1.0	70	210	6	14.2	22	FOP305JQ1X3*B2A000
3.3	300	5	42.5	26.0	14.5	37.5	-	1.0	70	231	7	12.9	22	FOP335JQ1X3*B2A000
3.5	300	5	42.5	26.0	14.5	37.5	-	1.0	70	245	7	10.6	23	FOP355JQ1X3*B2A000
4.0	300	5	42.5	30.0	17.0	37.5	-	1.2	70	280	8	10.6	24	FOP405JQ1X3*C2A000
4.5	300	5	42.5	30.0	17.0	37.5	-	1.2	70	315	9	9.4	24	FOP455JQ1X3*C2A000
4.7	300	5	42.5	30.0	17.0	37.5	-	1.2	70	329	9	9.0	24	FOP475JQ1X3*C2A000
5.0	300	5	42.5	31.5	18.5	37.5	-	1.2	70	350	10	8.4	24	FOP505JQ1X3*C2A000
6.0	300	5	42.5	31.5	18.5	37.5	-	1.2	70	420	11	7.0	25	FOP605JQ1X3*C2A000
6.8	300	5	42.5	37.0	22.0	37.5	-	1.2	70	476	12	6.6	25	FOP685JQ1X3*C2A000
8.0	300	5	42.5	37.0	22.0	37.5	-	1.2	70	560	13	5.7	26	FOP805JQ1X3*C2A000
10.0	300	5	42.5	40.0	26.0	37.5	-	1.2	70	700	14	4.8	28	FOP106JQ1X3*C2A000
12.0	300	5	42.5	41.5	27.5	37.5	-	1.2	70	840	14	4.0	29	FOP126JQ1X3*C2A000
15.0	300	5	42.5	45.0	30.0	37.5	-	1.2	40	1050	14	3.7	30	FOP156JQ1X3*C2A000
18.0	300	5	57.0	45.0	30.0	52.5	20.3	1.2	40	720	17	5.5	29	FOP186JQ1X5*C4M000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

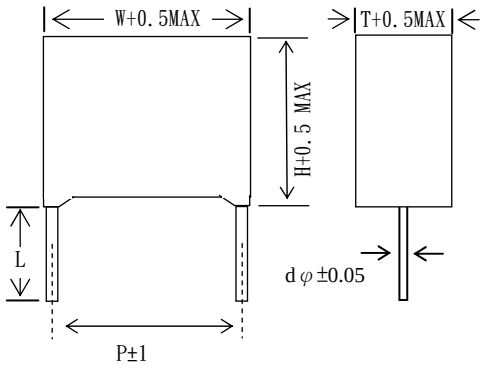


正視圖　　側視圖

CAP. *(uF)*	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC *P/N*
			W	*H*	*T*	*P*	P1	*dφ*			Irms(A) @70℃	ESR (mΩ)		
20.0	300	5	57.0	45.0	30.0	52.5	20.3	1.2	40	800	18	5.1	29	FOP206JQ1X5*C4M000
22.0	300	5	57.0	45.0	35.0	52.5	20.3	1.2	40	880	20	4.7	30	FOP226JQ1X5*C4M000
25.0	300	5	57.0	50.0	35.0	52.5	20.3	1.2	40	1000	21	4.1	31	FOP256JQ1X5*C4M000
28.0	300	5	57.0	50.0	35.0	52.5	20.3	1.2	40	1120	23	3.6	32	FOP286JQ1X5*C4M000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



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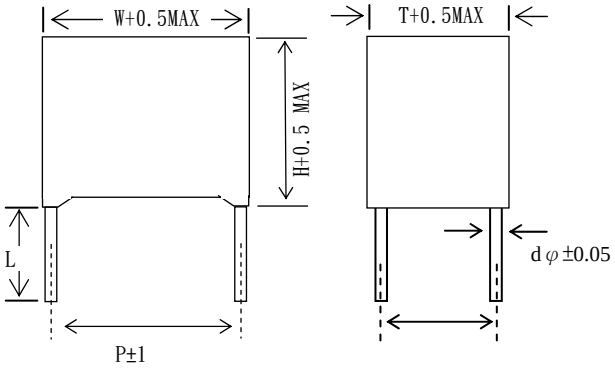
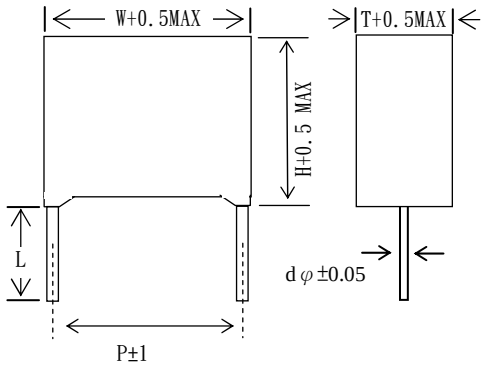


正視圖　　側視圖

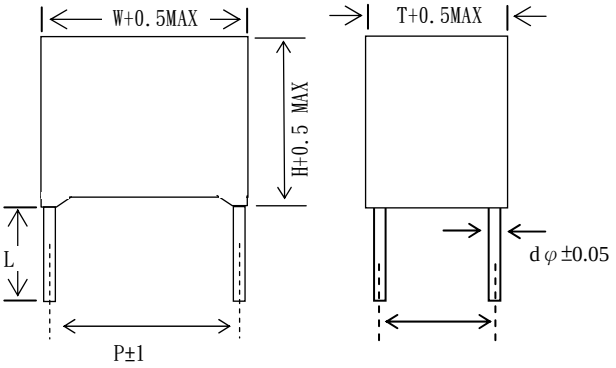
CAP. (uF)	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC P/N
			W	H	T	P	P1	dφ			Irms(A) @70℃	ESR (mΩ)		
0.33	350	5	32.0	18.0	9.0	27.5	-	0.8	51	17	1.6	64.7	17	FOP334JR2X2*A2A000
0.39	350	5	32.0	18.0	9.0	27.5	-	0.8	51	20	1.7	55.2	17	FOP394JR2X2*A2A000
0.47	350	5	32.0	18.0	9.0	27.5	-	0.8	51	24	1.9	46.3	17	FOP474JR2X2*A2A000
0.68	350	5	32.0	20.0	11.0	27.5	-	0.8	51	35	2.5	33.0	18	FOP684JR2X2*A2A000
0.82	350	5	32.0	22.0	13.0	27.5	-	1.0	51	42	3.0	28.0	18	FOP824JR2X2*B2A000
1.0	350	5	32.0	22.0	13.0	27.5	-	1.0	51	51	3.2	23.5	18	FOP105JR2X2*B2A000
1.5	350	5	32.0	24.5	15.0	27.5	-	1.0	51	76	4.2	16.8	19	FOP155JR2X2*B2A000
2.0	350	5	32.0	26.0	16.0	27.5	-	1.2	51	102	5.0	13.3	21	FOP205JR2X2*C2A000
2.2	350	5	32.0	29.0	15.5	27.5	-	1.2	51	112	5.2	12.5	20	FOP225JR2X2*C2A000
2.5	350	5	32.0	33.0	18.0	27.5	-	1.2	51	127	6.2	8.4	22	FOP255JR2X2*C2A000
3.0	350	5	32.0	33.0	18.0	27.5	-	1.2	51	145	6.5	7.3	21	FOP305JR2X2*C2A000
3.3	350	5	32.0	35.0	21.0	27.5	-	1.2	51	168	7.7	6.7	24	FOP335JR2X2*C2A000
3.5	350	5	32.0	35.0	21.0	27.5	-	1.2	51	178	7.9	6.5	23	FOP355JR2X2*C2A000
4.0	350	5	32.0	35.0	21.0	27.5	-	1.2	51	204	8.2	6.2	23	FOP405JR2X2*C2A000
1.0	350	5	42.5	22.0	11.0	37.5	-	0.8	36	36	2.8	33.6	24	FOP105JR2X3*A2A000
1.5	350	5	42.5	22.0	11.0	37.5	-	0.8	36	55	3.7	25.1	25	FOP155JR2X3*A2A000
2.0	350	5	42.5	24.0	13.0	37.5	-	1.0	36	73	4.6	19.4	26	FOP205JR2X3*B2A000
2.2	350	5	42.5	26.0	14.5	37.5	-	1.0	36	80	4.8	17.8	25	FOP225JR2X3*B2A000
2.5	350	5	42.5	26.0	14.5	37.5	-	1.0	36	91	5.3	16.0	27	FOP255JR2X3*B2A000
3.0	350	5	42.5	28.5	16.0	37.5	-	1.2	36	109	5.7	14.2	26	FOP305JR2X3*C2A000
3.3	350	5	42.5	30.0	17.0	37.5	-	1.2	36	120	6.2	13.6	29	FOP335JR2X3*C2A000
3.5	350	5	42.5	30.0	17.0	37.5	-	1.2	36	128	6.4	13.0	28	FOP355JR2X3*C2A000
4.0	350	5	42.5	31.5	18.5	37.5	-	1.2	36	146	7.0	11.6	29	FOP405JR2X3*C2A000
4.5	350	5	42.5	36.0	19.0	37.5	-	1.2	36	164	8.0	10.6	31	FOP455JR2X3*C2A000
4.7	350	5	42.5	36.0	19.0	37.5	-	1.2	36	170	8.0	10.2	31	FOP475JR2X3*C2A000
5.0	350	5	42.5	36.0	19.0	37.5	-	1.2	36	182	8.3	9.8	30	FOP505JR2X3*C2A000

TYPE ：FOP SPECIFICATION	DIMENSION

*unit:*mm



正視圖　　側視圖

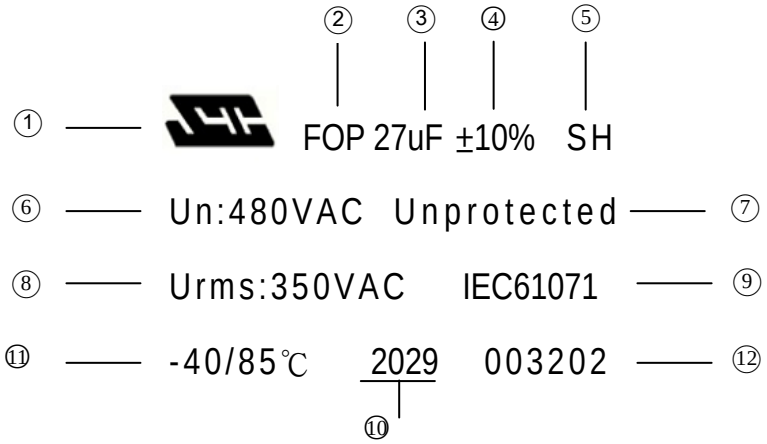


正視圖　　側視圖

CAP. *(uF)*	Urms (AC)	TOL. ±%	Dimensions(mm)						dv/dt (v/μs)	Ipeak (A)	10KHz		Ls (nH)	SCC *P/N*
			W	*H*	*T*	*P*	P1	*dφ*			Irms(A) @70℃	ESR (mΩ)		
5.5	350	5	42.5	37.0	22.0	37.5	-	1.2	36	201	8.6	9.2	29	FOP555JR2X3*C2A000
6.0	350	5	42.5	37.0	22.0	37.5	-	1.2	36	219	9.7	8.7	32	FOP605JR2X3*C2A000
6.5	350	5	42.5	38.0	25.0	37.5	-	1.2	36	237	10	8.1	31	FOP655JR2X3*C2A000
6.8	350	5	42.5	37.0	28.0	37.5	-	1.2	36	225	10	7.9	31	FOP685JR2X3*C2A000
7.0	350	5	42.5	40.0	26.0	37.5	-	1.2	36	255	10.3	7.7	31	FOP705JR2X3*C2A000
7.5	350	5	42.5	40.0	26.0	37.5	-	1.2	36	274	10.5	7.4	30	FOP755JR2X3*C2A000
8.0	350	5	42.5	40.0	26.0	37.5	-	1.2	36	292	10.5	7.1	30	FOP805JR2X3*C2A000
8.5	350	5	42.5	41.5	27.5	37.5	-	1.2	36	310	10.5	6.9	32	FOP855JR2X3*C2A000
9.0	350	5	42.5	41.5	27.5	37.5	-	1.2	36	328	10.5	6.6	31	FOP905JR2X3*C2A000
9.5	350	5	42.5	45.0	30.0	37.5	-	1.2	36	347	10.5	6.3	33	FOP955JR2X3*C2A000
10.0	350	5	42.5	45.0	30.0	37.5	-	1.0	36	365	10.5	6.2	32	FOP106JR2X3*B2A000
10.0	350	5	57.0	45.0	25.0	52.5	-	1.2	26	260	11.6	8.6	34	FOP106JR2X5*C2A000
10.0	350	5	57.0	45.0	25.0	52.5	10.2	1.2	26	260	12.0	8.2	34	FOP106JR2X5*C4K000
11.0	350	5	57.0	45.0	25.0	52.5	-	1.2	26	286	11.9	8.0	33	FOP116JR2X5*C2A000
11.0	350	5	57.0	45.0	25.0	52.5	10.2	1.2	26	286	12.5	7.8	33	FOP116JR2X5*C4K000
12.0	350	5	57.0	45.0	30.0	52.5	20.3	1.2	26	312	14.1	6.6	29	FOP126JR2X5*C4M000
15.0	350	5	57.0	45.0	30.0	52.5	20.3	1.2	26	391	16.4	5.6	31	FOP156JR2X5*C4M000
16.0	350	5	57.0	45.0	35.0	52.5	20.3	1.2	26	417	16.8	5.3	30	FOP166JR2X5*C4M000
18.0	350	5	57.0	50.0	35.0	52.5	20.3	1.2	26	469	18.1	4.8	33	FOP186JR2X5*C4M000
20.0	350	5	57.0	50.0	40.0	52.5	20.3	1.2	26	521	19.8	4.7	32	FOP206JR2X5*C4M000
20.0	350	5	57.0	55.0	35.0	52.5	20.3	1.2	26	521	19.8	4.7	32	FOP206JR2X5*C4M001
21.0	350	5	57.0	50.0	40.0	52.5	20.3	1.2	26	547	20.1	4.6	32	FOP216JR2X5*C4M000
25.0	350	5	57.0	55.0	45.0	52.5	20.3	1.2	26	651	22.8	4.5	34	FOP256JR2X5*C4M000
27.0	350	5	57.0	55.0	45.0	52.5	20.3	1.2	26	703	23.5	4.3	33	FOP276JR2X5*C4M000

TYPE ：FOP SPECIFICATION	MARKING

Marking



① Company Logo: SCC

② Part Name

③ Rated Capacitance

④ Capacitance Tolerance

⑤ Self-healing

⑥ Un

⑦ Without protective device

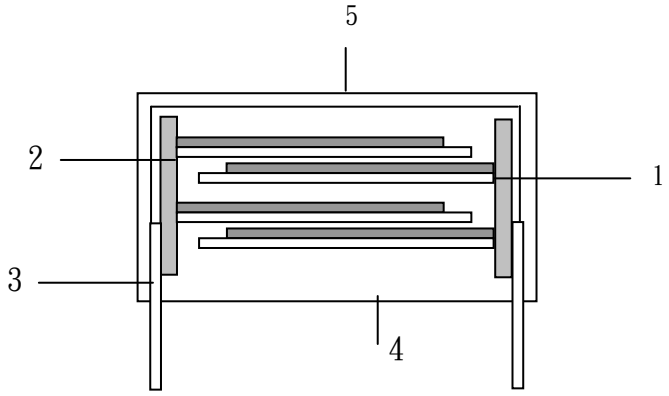
⑧ Urms

⑨ standard

⑩ Date Code (2029; week 29 of 2020)

⑪ Operating temperature

⑫ Production batch number



1. Metallized polypropylene film(ZN/AL)
2. Metal spray. (Zn+ Tin/Zn)
3. Lead wire(Tin-plated copper wire)
4. Epoxy resin. (UL94V-0、B)
5. PBT Case. (UL94V-0、B)

TYPE：FOP SPECIFICATION	ELECTRICAL CHARACTERISTICS

No	項 目 Item		性 能 Performance	條 件 Test Conditions	參考標准 Reference Standard
1	使 用 溫 度 範 圍 Operating Temperature Range		-40°C ～ +105°C (+85℃ to 105℃:decreasing Factor 1.5% per℃ for VR(AC)		IEC61071:2017 4.1.2
2	額 定 電 壓 Rated Voltage		Urms :180VAC,250VAC, 300VAC, 350VAC Un : 250VAC,350VAC, 425VAC, 480VAC		IEC61071:2017 3.0
3	耐電壓 Withstand Voltage	端子間 Between Terminals	無 異 常 No abnormality.	Un x 215% (VDC) 10 sec	IEC61071:2017 5.5
		端子外裝間 Between Terminals & Enclosure		2000VAC for 10 sec	IEC61071:2017 5.6
4	絕 緣 阻 抗 Insulation Resistance		≧ 3,000 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 % max 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	端 子 不 鬆 斷 No cutting or slack of terminals	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
		扭轉強度 Bending Strength		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: 1344 hrs + 24/-0 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.		

No	項 目 Item		性 能 Performance	條 件 Test Conditions	參考標准 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 Step / temp / time 1 / -40±3℃ / 3H 2 / +85±3℃ / 3H Measure after exposing at normal state for 1-2 hrs.	IEC 61071:2017 5.13
		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.		
11	自愈性 Self healing test	外 觀 Appearance	無 明 顯 異 常 No abnormality on appearance	Voltage(VDC): 1.5Un Duration: 10s If fewer than five clearing occur during this time, the voltage shall be increased slowly until five clearings have occurred since the start of the test or until the voltage has reached 2.5Un If fewer than five clearings have occurred when the voltage has reached 2.5 Un , for a time of 10s,the test shall be finished.	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	△C/C ≦±0.5% Within ±0.5%		
		散逸因數 Dissipation Factor	≦1.1* 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	Voltage(VDC):1.1 x Un 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	△C/C≦±1% Within ±1%		
		散逸因數 Dissipation Factor	≦1.2 * 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 Applied voltage 125%x Un Duration: 1000 +4/-0 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	△C/C≦±3% Within ±3%		

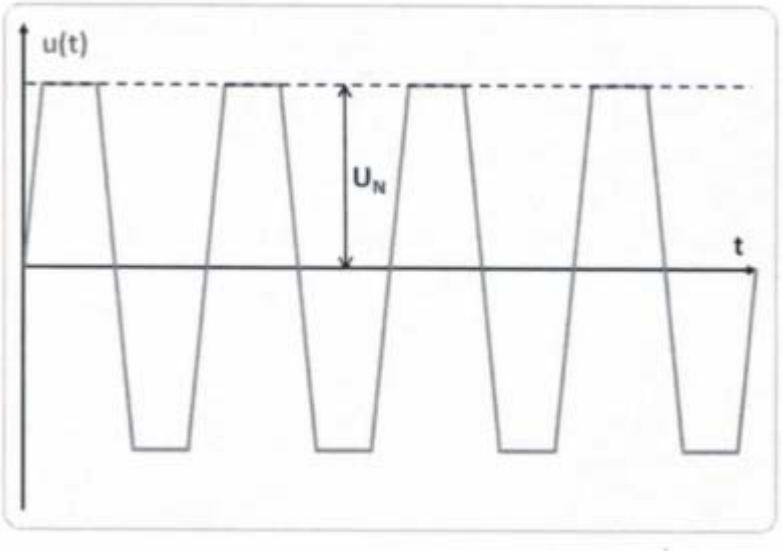
14	高濕/負荷試驗 Humidity Bias Test	外　觀 Appearance	無明顯異常 No abnormality on appearance	Humidity:90~95%RH Temperature:40±2℃ Applied Voltage100%×URMS Duration:1000±24hrs Through series resistor of 20~1000Ω/V to the Capacitor Measure after exposing at Normal state for 4 hrs	AEC-Q200
		耐　電　壓 Withstand Voltage	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≦±10% Within ±10%		

1.Urms : 電容器在連續運行過程中允許出現的最大正弦交流電壓的方均根值.

Un: 設計電容器時所採用的反轉型波形的任一極性最高運行峰值週期電壓

--波形可有多種形狀

--波形的平均值可以是正值或負值



2. 電容儲存條件:

溫度: +5 ~ +35℃

濕度: ≦ 75% 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)