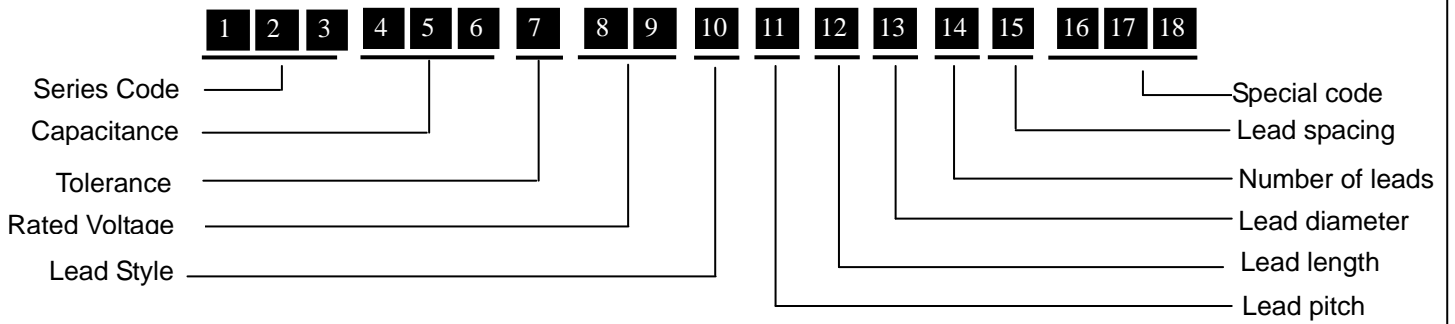


**TYPE : DLW SPECIFICATION**

**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=0.001 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			

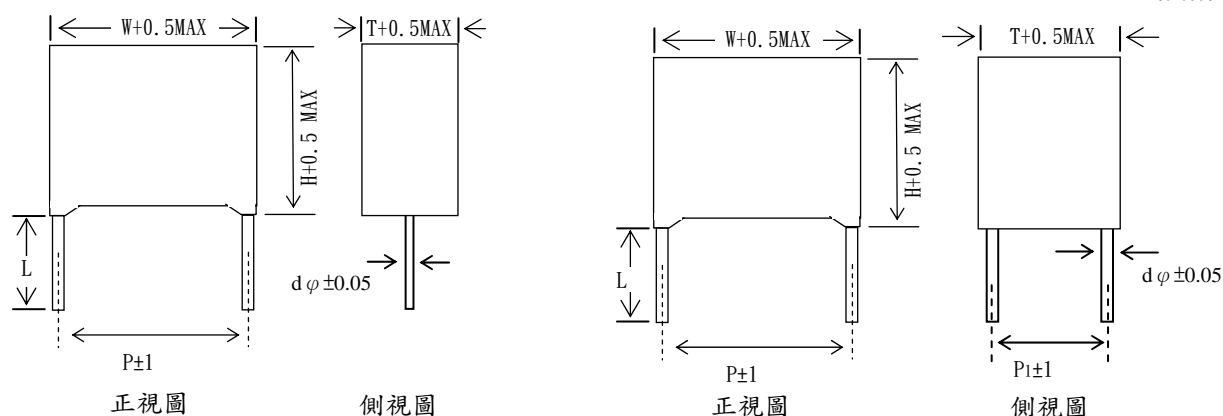
Digit 11	Code	2	3	5	P	J		
	Pitch(mm)	27.5	37.5	52.5	32.5	22.5		
Digit 12	Code	3	4	1	V			
	Length(mm)	3.5	4.0	6.0	3.2			
Digit 13	Code	A	B	C				
	Diameter(mm)	0.8	1.0	1.2				
Digit 14	Code	2	4					
	Pins	2	4					
Digit 15	Code	A	J	K	M	B		
	Lead spacing(P1)	0	5.1	10.2	20.3	12.7		

Digit 16-18	Code	Explanation	Code	Explanation	Code	Explanation

TYPE : DLW

SPECIFICATION

DIMENSION

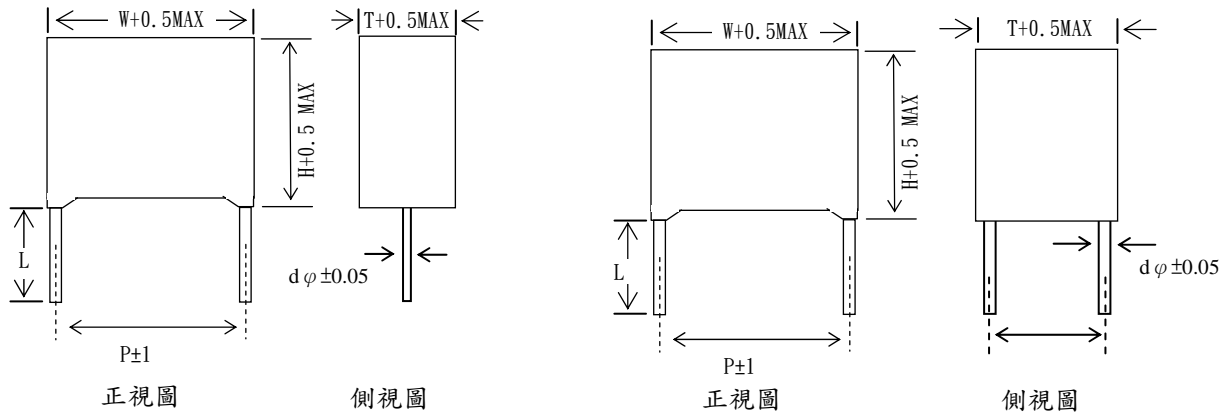


CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (v/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
2.0	500	10	32.0	18.0	9.0	27.5	-	0.8	75	150	0.17	3.0	40.0	1.20	DLW205K2HX2*A2A000
2.5	500	10	32.0	20.0	11.0	27.5	-	0.8	75	187	0.17	3.5	34.6	1.20	DLW255K2HX2*A2A000
3.0	500	10	32.0	20.0	11.0	27.5	-	0.8	75	225	0.17	4.0	27.6	1.20	DLW305K2HX2*A2A000
4.0	500	10	32.0	22.0	13.0	27.5	-	0.8	75	300	0.17	4.0	24.6	1.20	DLW405K2HX2*A2A000
5.0	500	10	32.0	22.0	13.0	27.5	-	0.8	75	375	0.17	5.0	19.8	1.20	DLW505K2HX2*A2A000
6.0	500	10	32.0	25.0	14.0	27.5	-	0.8	75	450	0.17	6.0	16.2	1.20	DLW605K2HX2*A2A000
7.0	500	10	32.0	25.0	14.0	27.5	-	0.8	75	525	0.17	6.5	13.8	1.20	DLW705K2HX2*A2A000
8.0	500	10	32.0	26.0	18.0	27.5	-	0.8	75	600	0.17	8.5	10.2	1.20	DLW805K2HX2*A2A000
9.0	500	10	32.0	26.0	18.0	27.5	-	0.8	75	675	0.17	8.5	10.8	1.20	DLW905K2HX2*A2A000
10.0	500	10	32.0	26.0	18.0	27.5	-	0.8	75	750	0.17	9.0	9.6	1.20	DLW106K2HX2*A2A000
12.0	500	10	32.0	30.5	20.0	27.5	-	0.8	75	900	0.17	10.0	8.4	1.20	DLW126K2HX2*A2A000
12.0	500	10	32.0	30.5	20.0	27.5	10.2	0.8	75	900	0.17	10.5	7.8	1.20	DLW126K2HX2*A4K000
15.0	500	10	32.0	35.0	21.0	27.5	-	0.8	75	1125	0.17	11.5	7.2	1.20	DLW156K2HX2*A2A000
15.0	500	10	32.0	35.0	21.0	27.5	10.2	0.8	75	1125	0.17	11.0	6.6	1.20	DLW156K2HX2*A4K000
10.0	500	10	42.5	26.0	14.5	37.5	-	1.0	40	400	0.25	7.5	16.2	2.00	DLW106K2HX3*B2A000
12.0	500	10	42.5	28.5	16.0	37.5	-	1.0	40	480	0.25	8.0	13.8	2.00	DLW126K2HX3*B2A000
15.0	500	10	42.5	31.5	18.5	37.5	-	1.0	40	600	0.25	9.0	10.8	2.00	DLW156K2HX3*B2A000
16.0	500	10	42.5	31.5	18.5	37.5	-	1.0	40	640	0.25	9.0	10.0	2.00	DLW166K2HX3*B2A000
20.0	500	10	42.5	36.0	19.0	37.5	-	1.0	40	800	0.25	11.0	9.6	2.00	DLW206K2HX3*B2A000
22.0	500	10	42.5	37.0	22.0	37.5	-	1.0	40	880	0.25	11.0	9.0	2.00	DLW226K2HX3*B2A000
22.0	500	10	42.5	37.0	22.0	37.5	10.2	1.2	40	880	0.25	11.5	7.8	1.80	DLW226K2HX3*C4K000
25.0	500	10	42.5	37.0	22.0	37.5	-	1.0	40	1000	0.25	11.5	7.8	2.00	DLW256K2HX3*B2A000
25.0	500	10	42.5	37.0	22.0	37.5	10.2	1.2	40	1000	0.25	12.5	6.6	1.80	DLW256K2HX3*C4K000
30.0	500	10	42.5	44.0	24.0	37.5	-	1.0	40	1200	0.25	13.5	6.6	2.00	DLW306K2HX3*B2A000
30.0	500	10	42.5	44.0	24.0	37.5	10.2	1.2	40	1200	0.25	15.0	5.4	1.80	DLW306K2HX3*C4K000
35.0	500	10	42.5	45.0	30.0	37.5	-	1.2	40	1400	0.25	17.0	5.6	2.00	DLW356K2HX3*C2A000
35.0	500	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1400	0.25	18.5	4.9	1.80	DLW356K2HX3*C4M000

TYPE : DLW

SPECIFICATION

DIMENSION



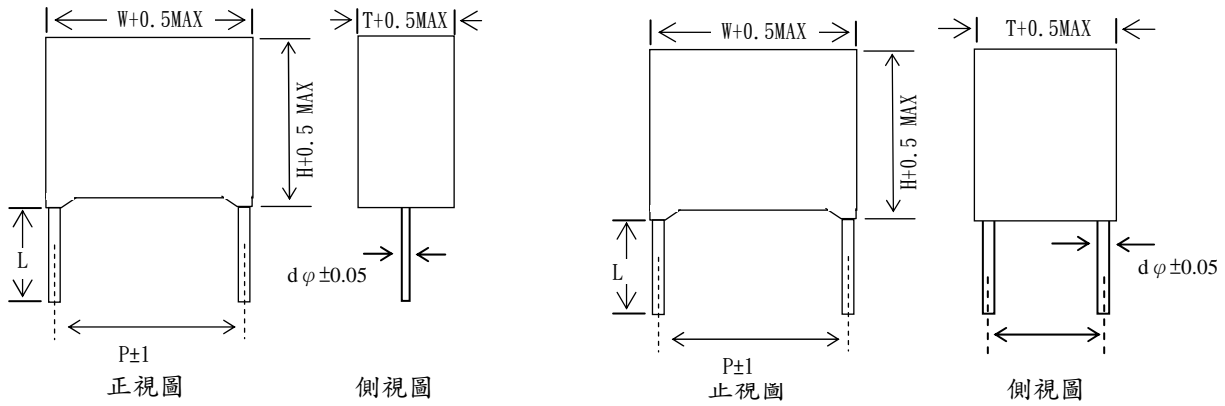
CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (v/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
40.0	500	10	42.5	45.0	30.0	37.5	-	1.2	40	1600	0.25	17.0	4.0	1.60	DLW406K2HX3*C2A000
40.0	500	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1600	0.25	18.5	3.5	1.40	DLW406K2HX3*C4M000
40.0	500	10	57.0	45.0	25.0	52.5	-	1.2	20	800	0.44	13.0	9.8	4.65	DLW406K2HX5*C2A000
40.0	500	10	57.0	45.0	25.0	52.5	10.2	1.2	20	800	0.44	13.5	8.4	4.20	DLW406K2HX5*C4K000
45.0	500	10	57.0	45.0	25.0	52.5	-	1.2	20	900	0.44	12.5	8.7	4.65	DLW456K2HX5*C2A000
45.0	500	10	57.0	45.0	25.0	52.5	10.2	1.2	20	900	0.44	13.5	8.4	4.20	DLW456K2HX5*C4K000
50.0	500	10	57.0	45.0	25.0	52.5	-	1.2	20	1000	0.44	15.0	7.7	4.65	DLW506K2HX5*C2A000
50.0	500	10	57.0	45.0	25.0	52.5	10.2	1.2	20	1000	0.44	15.5	7.0	4.20	DLW506K2HX5*C4K000
55.0	500	10	57.0	45.0	30.0	52.5	-	1.2	20	1100	0.44	15.0	7.7	4.65	DLW556K2HX5*C2A000
55.0	500	10	57.0	45.0	30.0	52.5	20.3	1.2	20	1100	0.44	15.5	7.0	4.20	DLW556K2HX5*C4M000
60.0	500	10	57.0	45.0	30.0	52.5	-	1.2	20	1200	0.44	15.5	7.0	4.65	DLW606K2HX5*C2A000
60.0	500	10	57.0	45.0	30.0	52.5	20.3	1.2	20	1200	0.44	16.5	6.3	4.20	DLW606K2HX5*C4M000
65.0	500	10	57.0	50.0	35.0	52.5	-	1.2	20	1300	0.44	19.0	6.8	4.65	DLW656K2HX5*C2A000
65.0	500	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1300	0.44	20.5	6.0	4.20	DLW656K2HX5*C4M000
70.0	500	10	57.0	50.0	35.0	52.5	-	1.2	20	1400	0.44	18.0	6.8	4.65	DLW706K2HX5*C2A000
70.0	500	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1400	0.44	19.0	6.0	4.20	DLW706K2HX5*C4M000
75.0	500	10	57.0	50.0	35.0	52.5	-	1.2	20	1500	0.44	19.0	6.0	4.65	DLW756K2HX5*C2A000
75.0	500	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1500	0.44	20.5	5.3	4.20	DLW756K2HX5*C4M000
80.0	500	10	57.0	50.0	35.0	52.5	-	1.2	20	1600	0.44	19.0	6.0	4.65	DLW806K2HX5*C2A000
80.0	500	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1600	0.44	20.5	5.3	4.20	DLW806K2HX5*C4M000
85.0	500	10	57.0	55.0	35.0	52.5	-	1.2	20	1700	0.44	19.5	6.0	4.65	DLW856K2HX5*C2A000
85.0	500	10	57.0	55.0	35.0	52.5	20.3	1.2	20	1700	0.44	21.0	5.3	4.20	DLW856K2HX5*C4M000
90.0	500	10	57.0	55.0	35.0	52.5	-	1.2	20	1800	0.44	20.0	5.3	4.65	DLW906K2HX5*C2A000
90.0	500	10	57.0	55.0	35.0	52.5	20.3	1.2	20	1800	0.44	21.5	4.5	4.20	DLW906K2HX5*C4M000
95.0	500	10	57.0	55.0	40.0	52.5	20.3	1.2	20	1900	0.44	21.5	4.5	4.20	DLW956K2HX5*C4M000
100.0	500	10	57.0	55.0	40.0	52.5	20.3	1.2	20	2000	0.44	23.5	4.0	4.20	DLW107K2HX5*C4M000

TYPE : DLW

SPECIFICATION

DIMENSION

unit:mm

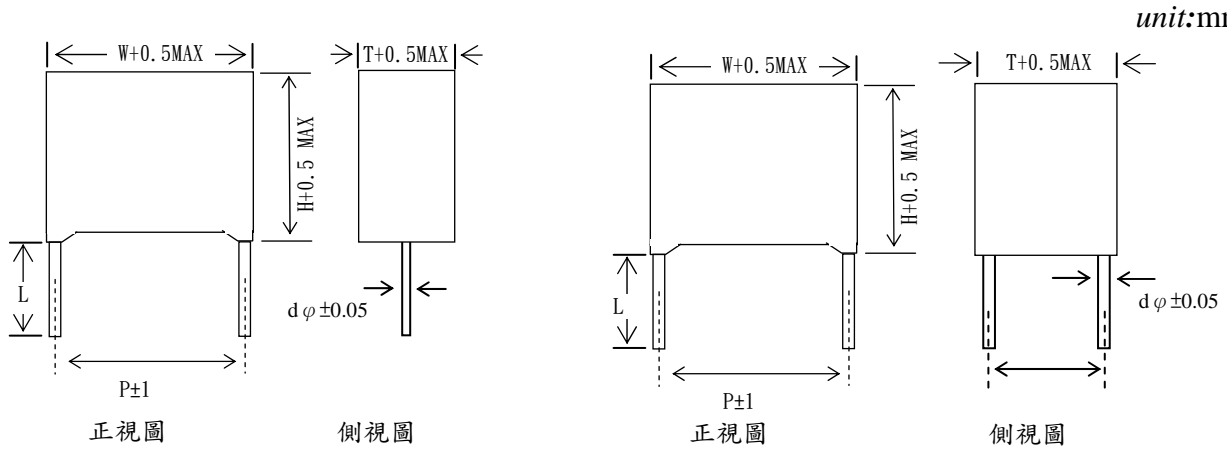


CAP. ( $\mu\text{F}$ )	VR (70°C) (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt (v/ $\mu\text{s}$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ $\pm 0.05$				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
2.0	800	10	32.0	18.0	9.0	27.5	-	0.8	75	150	0.15	3.0	38.0	1.02	DLW205K2KX2*A2A000
2.5	800	10	32.0	20.0	11.0	27.5	-	0.8	75	187.5	0.15	3.5	31.7	1.02	DLW255K2KX2*A2A000
3.0	800	10	32.0	20.0	11.0	27.5	-	0.8	75	225	0.15	4.0	25.3	1.02	DLW305K2KX2*A2A000
3.3	800	10	32.0	20.0	11.0	27.5	-	0.8	75	247.5	0.15	4.4	23.0	1.02	DLW335K2KX2*A2A000
4.0	800	10	32.0	22.0	13.0	27.5	-	0.8	75	300	0.15	5.0	18.7	1.02	DLW405K2KX2*A2A000
5.0	800	10	32.0	25.0	14.0	27.5	-	0.8	75	375	0.15	6.0	15.4	1.02	DLW505K2KX2*A2A000
6.0	800	10	32.0	26.0	18.0	27.5	-	0.8	75	450	0.15	7.5	12.7	1.02	DLW605K2KX2*A2A000
7.0	800	10	32.0	26.0	18.0	27.5	-	0.8	75	525	0.15	8.0	11.0	1.02	DLW705K2KX2*A2A000
7.0	800	10	32.0	29.0	15.5	27.5	-	0.8	75	525	0.15	8.0	10.0	1.02	DLW705K2KX2*A2A001
8.0	800	10	32.0	30.5	20.0	27.5	-	0.8	75	600	0.15	8.5	10.2	1.02	DLW805K2KX2*A2A000
8.0	800	10	32.0	30.5	20.0	27.5	10.2	0.8	75	600	0.15	9.0	9.6	1.02	DLW805K2KX2*A4K000
9.0	800	10	32.0	30.5	20.0	27.5	-	0.8	75	675	0.15	10.0	9.0	1.02	DLW905K2KX2*A2A000
9.0	800	10	32.0	30.5	20.0	27.5	10.2	0.8	75	675	0.15	10.5	8.4	1.02	DLW905K2KX2*A4K000
10.0	800	10	32.0	30.5	20.0	27.5	-	0.8	75	750	0.15	10.0	8.4	1.02	DLW106K2KX2*A2A000
10.0	800	10	32.0	30.5	20.0	27.5	10.2	0.8	75	750	0.15	10.5	7.8	1.02	DLW106K2KX2*A4K000
12.0	800	10	32.0	35.0	21.0	27.5	-	0.8	75	900	0.15	11.5	7.2	1.02	DLW126K2KX2*A2A000
12.0	800	10	32.0	35.0	21.0	27.5	10.2	0.8	75	900	0.15	10.5	6.6	1.02	DLW126K2KX2*A4K000
7.0	800	10	42.5	26.0	14.5	37.5	-	1.0	40	280	0.22	4.5	27.5	2.03	DLW705K2KX3*B2A000
8.0	800	10	42.5	28.5	16.0	37.5	-	1.0	40	320	0.22	5.0	19.8	2.03	DLW805K2KX3*B2A000
9.0	800	10	42.5	28.5	16.0	37.5	-	1.0	40	360	0.22	6.5	16.5	2.03	DLW905K2KX3*B2A000
10.0	800	10	42.5	30.0	17.0	37.5	-	1.0	40	400	0.22	7.5	14.9	2.03	DLW106K2KX3*B2A000
12.0	800	10	42.5	31.5	18.5	37.5	-	1.0	40	480	0.22	8.0	12.7	2.03	DLW126K2KX3*B2A000
15.0	800	10	42.5	36.0	19.0	37.5	-	1.0	40	600	0.22	9.0	11.7	2.03	DLW156K2KX3*B2A000
20.0	800	10	42.5	39.0	22.0	37.5	-	1.0	40	800	0.22	11.0	9.1	2.03	DLW206K2KX3*B2A000
20.0	800	10	42.5	39.0	22.0	37.5	10.2	1.2	40	800	0.22	12.0	8.4	2.03	DLW206K2KX3*C4K000
22.0	800	10	42.5	44.0	24.0	37.5	-	1.0	40	880	0.22	13.0	8.4	2.03	DLW226K2KX3*B2A000
22.0	800	10	42.5	44.0	24.0	37.5	10.2	1.2	40	880	0.22	13.5	7.7	1.80	DLW226K2KX3*C4K000

TYPE : DLW

SPECIFICATION

DIMENSION

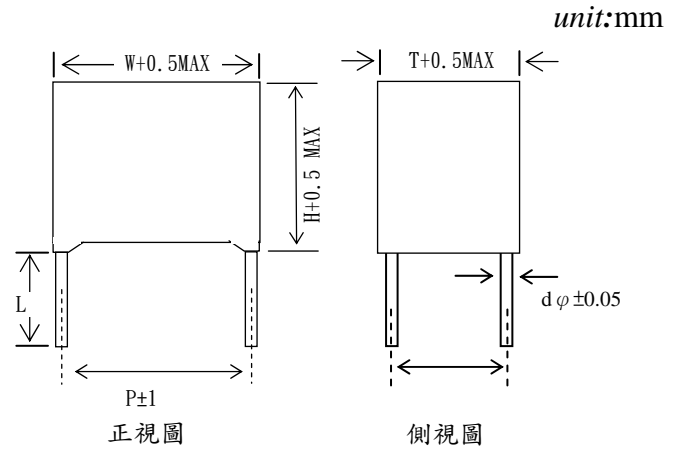
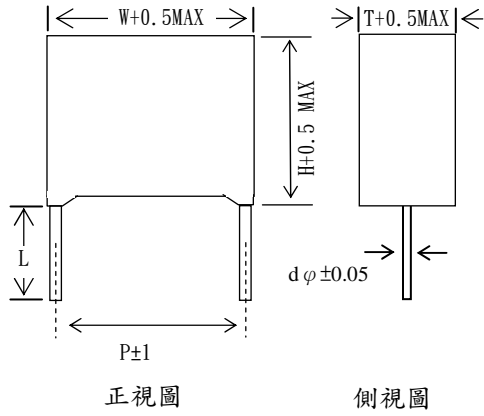


CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. $\pm\%$	Dimensions(mm)						dv/dt (v/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	d $\phi$ $\pm 0.05$				I <sub>rms</sub> (A) @70°C	ESR (m $\Omega$ )	DF (%)	
25.0	800	10	42.5	44.0	24.0	37.5	-	1.0	40	1000	0.22	13.5	7.7	2.03	DLW256K2KX3*B2A000
25.0	800	10	42.5	44.0	24.0	37.5	10.2	1.2	40	1000	0.22	14.5	7.0	1.80	DLW256K2KX3*C4K000
30.0	800	10	42.5	45.0	30.0	37.5	-	1.0	40	1200	0.22	16.0	6.3	2.03	DLW306K2KX3*B2A000
30.0	800	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1200	0.22	17.0	5.6	1.80	DLW306K2KX3*C4M000
35.0	800	10	42.5	45.0	30.0	37.5	-	1.0	40	1400	0.22	17.0	6.0	2.03	DLW356K2KX3*B2A000
35.0	800	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1400	0.22	18.5	5.3	1.80	DLW356K2KX3*C4M000
30.0	800	10	57.0	45.0	25.0	52.5	-	1.2	20	600	0.35	11.0	12.6	4.05	DLW306K2KX5*C2A000
30.0	800	10	57.0	45.0	25.0	52.5	10.2	1.2	20	600	0.35	12.0	11.2	3.60	DLW306K2KX5*C4K000
35.0	800	10	57.0	45.0	25.0	52.5	-	1.2	20	700	0.35	12.0	1.5	4.05	DLW356K2KX5*C2A000
35.0	800	10	57.0	45.0	25.0	52.5	10.2	1.2	20	700	0.35	12.5	9.8	3.60	DLW356K2KX5*C4K000
40.0	800	10	57.0	45.0	25.0	52.5	-	1.2	20	800	0.35	13.0	9.1	4.05	DLW406K2KX5*C2A000
40.0	800	10	57.0	45.0	25.0	52.5	10.2	1.2	20	800	0.35	13.5	8.4	3.60	DLW406K2KX5*C4K000
45.0	800	10	57.0	45.0	30.0	52.5	-	1.2	20	900	0.35	14.5	9.0	4.05	DLW456K2KX5*C2A000
45.0	800	10	57.0	45.0	30.0	52.5	20.3	1.2	20	900	0.35	15.0	8.3	3.60	DLW456K2KX5*C4M000
50.0	800	10	57.0	45.0	35.0	52.5	-	1.2	20	1000	0.35	15.0	8.8	4.05	DLW506K2KX5*C2A001
50.0	800	10	57.0	45.0	35.0	52.5	20.3	1.2	20	1000	0.35	15.5	8.0	3.60	DLW506K2KX5*C4M001
55.0	800	10	57.0	50.0	35.0	52.5	-	1.2	20	1100	0.35	17.0	8.0	4.05	DLW556K2KX5*C2A000
55.0	800	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1100	0.35	18.0	7.2	3.60	DLW556K2KX5*C4M000
60.0	800	10	57.0	50.0	35.0	52.5	-	1.2	20	1200	0.35	18.0	7.2	4.05	DLW606K2KX5*C2A000
60.0	800	10	57.0	50.0	35.0	52.5	20.3	1.2	20	1200	0.35	19.0	6.4	3.60	DLW606K2KX5*C4M000
65.0	800	10	57.0	55.0	35.0	52.5	-	1.2	20	1300	0.35	19.0	6.4	4.05	DLW656K2KX5*C2A000
65.0	800	10	57.0	55.0	35.0	52.5	20.3	1.2	20	1300	0.35	20.5	5.6	3.60	DLW656K2KX5*C4M000
70.0	800	10	57.0	55.0	35.0	52.5	-	1.2	20	1400	0.35	19.0	6.4	4.05	DLW706K2KX5*C2A000
70.0	800	10	57.0	55.0	35.0	52.5	20.3	1.2	20	1400	0.35	20.0	5.6	3.60	DLW706K2KX5*C4M000
75.0	800	10	57.0	55.0	40.0	52.5	20.3	1.2	20	1500	0.35	21.5	4.8	3.60	DLW756K2KX5*C4M000
80.0	800	10	57.0	55.0	40.0	52.5	20.3	1.2	20	1600	0.35	21.5	4.8	3.60	DLW806K2KX5*C4M000

TYPE : DLW

SPECIFICATION

DIMENSION



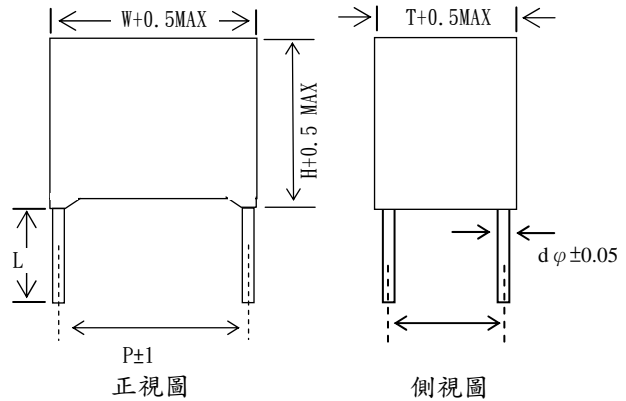
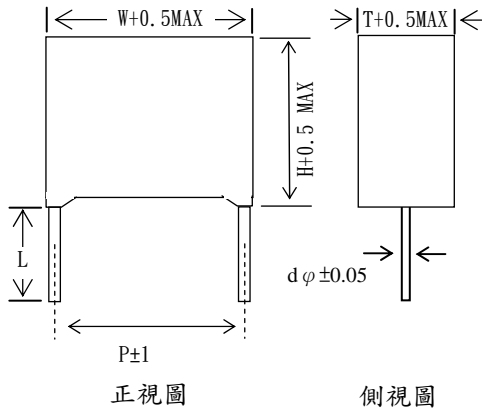
CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (V/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
2.0	900	10	32.0	20.0	11.0	27.5	-	0.8	75	150	0.12	3.5	40.3	0.90	DLW205K1XX2*A2A000
2.5	900	10	32.0	20.0	11.0	27.5	-	0.8	75	187	0.12	4.0	33.8	0.90	DLW255K1XX2*A2A000
3.0	900	10	32.0	22.0	13.0	27.5	-	0.8	75	225	0.12	4.5	29.4	0.90	DLW305K1XX2*A2A000
4.0	900	10	32.0	25.0	14.0	27.5	-	0.8	75	300	0.12	5.5	21.7	0.90	DLW405K1XX2*A2A000
5.0	900	10	32.0	26.0	18.0	27.5	-	0.8	75	375	0.12	7.0	17.5	0.90	DLW505K1XX2*A2A000
6.0	900	10	32.0	26.0	18.0	27.5	-	0.8	75	450	0.12	7.5	14.7	0.90	DLW605K1XX2*A2A000
7.0	900	10	32.0	30.5	20.0	27.5	-	0.8	75	525	0.12	9.0	12.6	0.90	DLW705K1XX2*A2A000
7.0	900	10	32.0	30.5	20.0	27.5	10.2	0.8	75	525	0.12	9.5	11.9	0.90	DLW705K1XX2*A4K000
8.0	900	10	32.0	30.5	20.0	27.5	-	0.8	75	600	0.12	9.5	11.2	0.90	DLW805K1XX2*A2A000
8.0	900	10	32.0	30.5	20.0	27.5	10.2	0.8	75	600	0.12	10.0	11.2	0.90	DLW805K1XX2*A4K000
9.0	900	10	32.0	30.5	20.0	27.5	-	0.8	75	675	0.12	10.0	11.2	0.90	DLW905K1XX2*A2A000
9.0	900	10	32.0	30.5	20.0	27.5	10.2	0.8	75	675	0.12	10.5	10.5	0.90	DLW905K1XX2*A4K000
10.0	900	10	32.0	35.0	21.0	27.5	-	0.8	75	750	0.12	10.5	10.5	0.90	DLW106K1XX2*A2A000
10.0	900	10	32.0	35.0	21.0	27.5	10.2	0.8	75	750	0.12	11.0	9.8	0.90	DLW106K1XX2*A4K000
5.0	900	10	42.5	24.0	13.0	37.5	-	1.0	40	200	0.2	4.5	54.0	1.83	DLW505K1XX3*B2A000
6.0	900	10	42.5	26.0	14.5	37.5	-	1.0	40	240	0.2	5.0	48.8	1.83	DLW605K1XX3*B2A000
7.0	900	10	42.5	26.0	14.5	37.5	-	1.0	40	280	0.2	6.0	39.0	1.83	DLW705K1XX3*B2A000
8.0	900	10	42.5	28.5	16.0	37.5	-	1.0	40	320	0.2	7.0	32.5	1.83	DLW805K1XX3*B2A000
9.0	900	10	42.5	28.5	16.0	37.5	-	1.0	40	360	0.2	7.5	24.3	1.83	DLW905K1XX3*B2A000
10.0	900	10	42.5	30.0	17.0	37.5	-	1.0	40	400	0.2	8.0	17.5	1.83	DLW106K1XX3*B2A000
12.0	900	10	42.5	36.0	19.0	37.5	-	1.0	40	480	0.2	8.5	14.7	1.83	DLW126K1XX3*B2A000
15.0	900	10	42.5	37.0	22.0	37.5	-	1.0	40	600	0.2	10.0	11.9	1.83	DLW156K1XX3*B2A000
15.0	900	10	42.5	37.0	22.0	37.5	10.2	1.2	40	600	0.2	11.0	10.5	1.65	DLW156K1XX3*C4K000
18.0	900	10	42.5	37.0	22.0	37.5	-	1.0	40	720	0.2	11.5	9.8	1.83	DLW186K1XX3*B2A000
18.0	900	10	42.5	37.0	22.0	37.5	10.2	1.2	40	720	0.2	12.0	9.1	1.65	DLW186K1XX3*C4K000
20.0	900	10	42.5	44.0	24.0	37.5	-	1.0	40	800	0.2	13.0	8.4	1.83	DLW206K1XX3*B2A000

TYPE : DLW

SPECIFICATION

DIMENSION

unit:mm

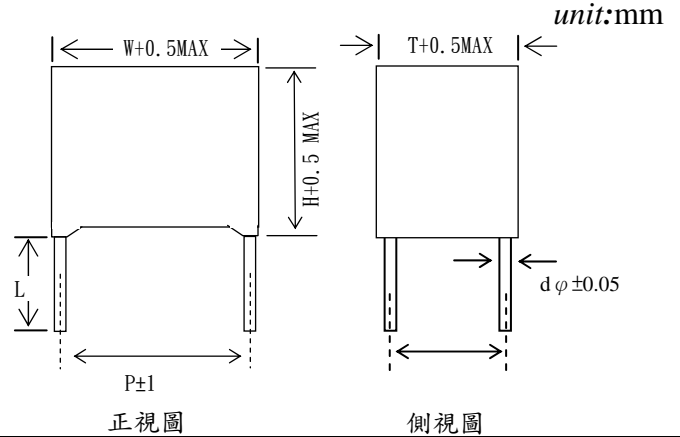
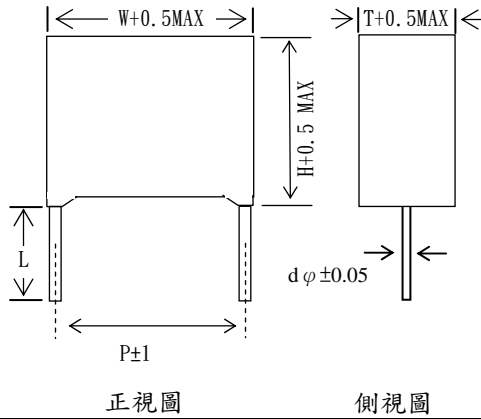


CAP. ( $\mu\text{F}$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (v/ $\mu\text{s}$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
20.0	900	10	42.5	44.0	24.0	37.5	10.2	1.2	40	800	0.2	13.5	7.7	1.65	DLW206K1XX3*C4K000
25.0	900	10	42.5	45.0	30.0	37.5	-	1.0	40	1000	0.2	15.5	7.0	1.83	DLW256K1XX3*B2A000
25.0	900	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1000	0.2	16.0	6.3	1.65	DLW256K1XX3*C4M000
30.0	900	10	42.5	45.0	30.0	37.5	-	1.0	40	1200	0.2	16.5	5.6	1.83	DLW306K1XX3*B2A000
30.0	900	10	42.5	45.0	30.0	37.5	20.3	1.2	40	1200	0.2	17.0	5.6	1.65	DLW306K1XX3*C4M000
30.0	900	10	57.0	45.0	25.0	52.5	-	1.2	10	300	0.33	12.0	11.2	3.60	DLW306K1XX5*C2A000
30.0	900	10	57.0	45.0	25.0	52.5	10.2	1.2	10	300	0.33	12.0	10.5	3.23	DLW306K1XX5*C4K000
35.0	900	10	57.0	45.0	25.0	52.5	-	1.2	10	350	0.33	13.0	9.8	3.60	DLW356K1XX5*C2A000
35.0	900	10	57.0	45.0	25.0	52.5	10.2	1.2	10	350	0.33	14.5	8.4	3.23	DLW356K1XX5*C4K000
40.0	900	10	57.0	45.0	30.0	52.5	-	1.2	10	400	0.33	14.5	8.4	3.60	DLW406K1XX5*C2A000
40.0	900	10	57.0	45.0	30.0	52.5	20.3	1.2	10	400	0.33	15.0	7.7	3.23	DLW406K1XX5*C4M000
45.0	900	10	57.0	45.0	30.0	52.5	-	1.2	10	450	0.33	16.0	7.7	3.60	DLW456K1XX5*C2A000
45.0	900	10	57.0	45.0	30.0	52.5	20.3	1.2	10	450	0.33	17.0	7.0	3.23	DLW456K1XX5*C4M000
50.0	900	10	57.0	50.0	35.0	52.5	-	1.2	10	500	0.33	17.0	7.0	3.60	DLW506K1XX5*C2A000
50.0	900	10	57.0	50.0	35.0	52.5	20.3	1.2	10	500	0.33	18.0	6.3	3.23	DLW506K1XX5*C4M000
55.0	900	10	57.0	50.0	35.0	52.5	-	1.2	10	550	0.33	17.5	6.3	3.60	DLW556K1XX5*C2A000
55.0	900	10	57.0	50.0	35.0	52.5	20.3	1.2	10	550	0.33	18.5	5.6	3.23	DLW556K1XX5*C4M000
60.0	900	10	57.0	50.0	35.0	52.5	-	1.2	10	600	0.33	19.0	5.6	3.60	DLW606K1XX5*C2A000
60.0	900	10	57.0	50.0	35.0	52.5	20.3	1.2	10	600	0.33	20.0	4.9	3.23	DLW606K1XX5*C4M000
65.0	900	10	57.0	55.0	35.0	52.5	-	1.2	10	650	0.33	20.5	4.9	3.60	DLW656K1XX5*C2A000
65.0	900	10	57.0	55.0	35.0	52.5	20.3	1.2	10	650	0.33	21.5	4.2	3.23	DLW656K1XX5*C4M000
70.0	900	10	57.0	55.0	40.0	52.5	20.3	1.2	10	700	0.33	22.5	3.6	3.60	DLW706K1XX5*C4M000

TYPE : DLW

SPECIFICATION

DIMENSION



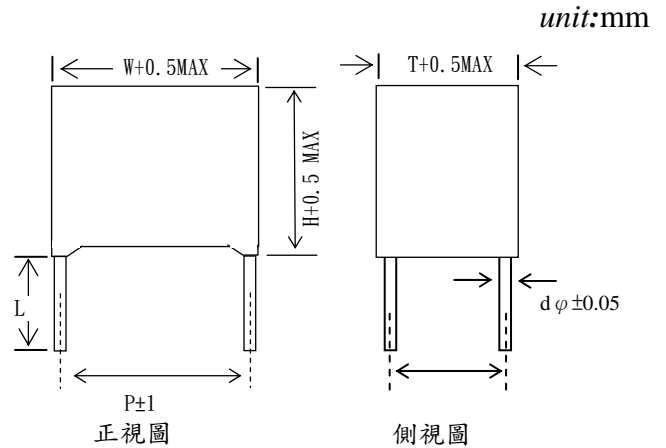
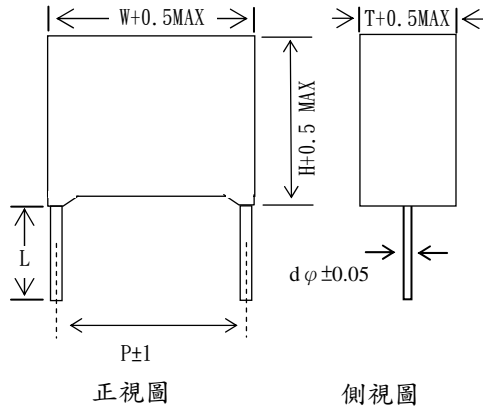
CAP. ( $\mu\text{F}$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (V/ $\mu\text{s}$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
1.0	1100	10	32.0	18.0	9.0	27.5	-	0.8	80	80	0.11	2.0	75.6	0.75	DLW105K1MX2*A2A000
1.5	1100	10	32.0	20.0	11.0	27.5	-	0.8	80	120	0.11	3.0	56.4	0.75	DLW155K1MX2*A2A000
2.0	1100	10	32.0	22.0	13.0	27.5	-	0.8	80	160	0.11	3.5	38.4	0.75	DLW205K1MX2*A2A000
2.5	1100	10	32.0	22.0	13.0	27.5	-	0.8	80	200	0.11	4.0	31.2	0.75	DLW255K1MX2*A2A000
3.0	1100	10	32.0	25.0	14.0	27.5	-	0.8	80	240	0.11	5.0	27.3	0.75	DLW305K1MX2*A2A000
3.3	1100	10	32.0	25.5	16.0	27.5	-	0.8	80	264	0.11	5.5	24.7	0.75	DLW335K1MX2*A2A000
4.0	1100	10	32.0	26.0	18.0	27.5	-	0.8	80	320	0.11	6.0	20.8	0.75	DLW405K1MX2*A2A000
5.0	1100	10	32.0	30.5	20.0	27.5	-	0.8	80	400	0.11	7.5	16.9	0.75	DLW505K1MX2*A2A000
5.0	1100	10	32.0	30.5	20.0	27.5	10.2	0.8	80	400	0.11	8.0	16.3	0.75	DLW505K1MX2*A4K000
6.0	1100	10	32.0	30.5	20.0	27.5	-	0.8	80	480	0.11	8.5	13.0	0.75	DLW605K1MX2*A2A000
6.0	1100	10	32.0	30.5	20.0	27.5	10.2	0.8	80	480	0.11	9.0	12.4	0.75	DLW605K1MX2*A4K000
7.0	1100	10	32.0	35.0	21.0	27.5	-	0.8	80	560	0.11	9.0	11.7	0.75	DLW705K1MX2*A2A000
7.0	1100	10	32.0	35.0	21.0	27.5	10.2	0.8	80	560	0.11	9.5	11.1	0.75	DLW705K1MX2*A4K000
3.0	1100	10	42.5	24.0	13.0	37.5	-	1.0	40	120	0.18	4.0	50.4	1.50	DLW305K1MX3*B2A000
3.9	1100	10	42.5	26.0	14.5	37.5	-	1.0	40	156	0.18	4.5	44.0	1.50	DLW395K1MX3*B2A000
4.0	1100	10	42.5	26.0	14.5	37.5	-	1.0	40	160	0.18	5.0	36.0	1.50	DLW405K1MX3*B2A000
5.0	1100	10	42.5	28.5	16.0	37.5	-	1.0	40	200	0.18	6.0	25.2	1.50	DLW505K1MX3*B2A000
6.0	1100	10	42.5	30.0	17.0	37.5	-	1.0	40	240	0.18	6.5	21.6	1.50	DLW605K1MX3*B2A000
7.0	1100	10	42.5	30.0	17.0	37.5	-	1.0	40	280	0.18	6.5	21.6	1.50	DLW705K1MX3*B2A000
8.0	1100	10	42.5	31.5	18.5	37.5	-	1.0	40	320	0.18	7.0	19.2	1.50	DLW805K1MX3*B2A000
9.0	1100	10	42.5	36.0	19.0	37.5	-	1.0	40	360	0.18	7.5	16.8	1.50	DLW905K1MX3*B2A000
10.0	1100	10	42.5	37.0	22.0	37.5	-	1.0	40	400	0.18	8.5	14.4	1.50	DLW106K1MX3*B2A000
10.0	1100	10	42.5	37.0	22.0	37.5	10.2	1.2	40	400	0.18	9.0	13.2	1.35	DLW106K1MX3*C4K000
12.0	1100	10	42.5	37.0	22.0	37.5	-	1.0	40	480	0.18	9.5	12.0	1.50	DLW126K1MX3*B2A000
12.0	1100	10	42.5	37.0	22.0	37.5	10.2	1.2	40	480	0.18	10.0	10.8	1.35	DLW126K1MX3*C4K000
12.0	1100	10	42.5	39.5	20.0	37.5	-	1.0	40	480	0.18	9.5	9.6	1.50	DLW126K1MX3*B2A001
15.0	1100	10	42.5	44.0	24.0	37.5	-	1.0	40	600	0.18	11.0	8.4	1.50	DLW156K1MX3*B2A000



TYPE : DLW

SPECIFICATION

DIMENSION

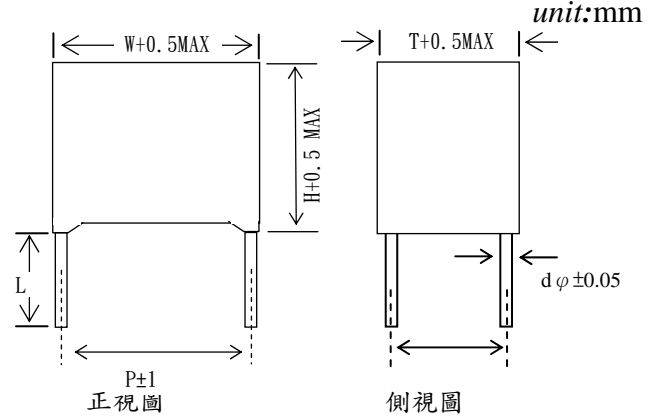
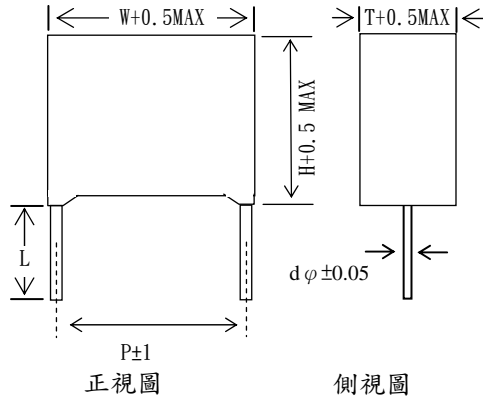


CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (v/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF (%)	
15.0	1100	10	42.5	44.0	24.0	37.5	10.2	1.2	40	600	0.18	12.0	8.4	1.35	DLW156K1MX3*C4K000
18.0	1100	10	42.5	45.0	30.0	37.5	-	1.2	40	720	0.18	12.5	8.4	1.50	DLW186K1MX3*C2A000
18.0	1100	10	42.5	45.0	30.0	37.5	20.3	1.2	40	720	0.18	13.5	7.2	1.35	DLW186K1MX3*C4M000
20.0	1100	10	42.5	45.0	30.0	37.5	-	1.2	40	800	0.18	14.0	7.8	1.50	DLW206K1MX3*C2A000
20.0	1100	10	42.5	45.0	30.0	37.5	20.3	1.2	40	800	0.18	15.5	6.5	1.35	DLW206K1MX3*C4M000
20.0	1100	10	57.0	45.0	25.0	52.5	-	1.2	20	400	0.28	9.5	14.4	3.00	DLW206K1MX5*C2A000
20.0	1100	10	57.0	45.0	25.0	52.5	10.2	1.2	20	400	0.28	10.0	13.2	2.78	DLW206K1MX5*C4K000
25.0	1100	10	57.0	45.0	25.0	52.5	-	1.2	20	500	0.28	11.0	12.0	3.00	DLW256K1MX5*C2A000
25.0	1100	10	57.0	45.0	25.0	52.5	10.2	1.2	20	500	0.28	11.5	10.8	2.78	DLW256K1MX5*C4K000
30.0	1100	10	57.0	45.0	30.0	52.5	-	1.2	20	600	0.28	12.5	9.6	3.00	DLW306K1MX5*C2A000
30.0	1100	10	57.0	45.0	30.0	52.5	20.3	1.2	20	600	0.28	13.0	8.4	2.78	DLW306K1MX5*C4M000
35.0	1100	10	57.0	50.0	35.0	52.5	-	1.2	20	700	0.28	14.5	8.4	3.00	DLW356K1MX5*C2A000
35.0	1100	10	57.0	50.0	35.0	52.5	20.3	1.2	20	700	0.28	15.5	7.8	2.78	DLW356K1MX5*C4M000
40.0	1100	10	57.0	50.0	35.0	52.5	-	1.2	20	800	0.28	15.5	7.8	3.00	DLW406K1MX5*C2A000
40.0	1100	10	57.0	50.0	35.0	52.5	20.3	1.2	20	800	0.28	17.0	7.0	2.78	DLW406K1MX5*C4M000
45.0	1100	10	57.0	55.0	35.0	52.5	-	1.2	20	900	0.28	16.0	7.7	3.00	DLW456K1MX5*C2A000
45.0	1100	10	57.0	55.0	35.0	52.5	20.3	1.2	20	900	0.28	16.5	7.0	2.78	DLW456K1MX5*C4M000
50.0	1100	10	57.0	55.0	40.0	52.5	20.3	1.2	20	1000	0.28	18.5	5.6	2.78	DLW506K1MX5*C4M000

TYPE : DLW

SPECIFICATION

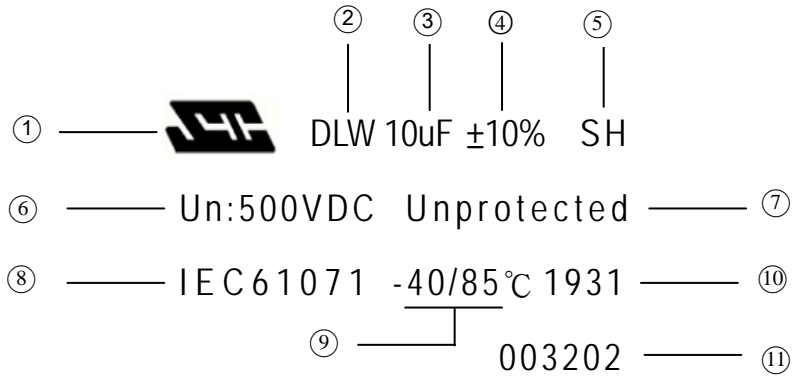
DIMENSION






CAP. ( $\mu F$ )	VR (70°C) (VDC)	TOL. ±%	Dimensions(mm)						dv/dt (v/ $\mu s$ )	I <sub>peak</sub> (A)	1KHz DF (%)	10KHz			SCC P/N
			W	H	T	P	P1	dφ ±0.05				I <sub>rms</sub> (A) @70°C	ESR (mΩ)	DF(%)	
0.82	1300	10	32.0	18.5	10.0	27.5	-	0.8	95	77.9	0.10	2.7	69.0	0.68	DLW824K2MX2*A2A000
1.0	1300	10	32.0	20.0	11.0	27.5	-	0.8	95	95	0.10	3.0	54.6	0.68	DLW105K2MX2*A2A000
1.5	1300	10	32.0	22.0	13.0	27.5	-	0.8	95	142.5	0.10	4.0	42.0	0.68	DLW155K2MX2*A2A000
2.0	1300	10	32.0	25.0	14.0	27.5	-	0.8	95	190	0.10	4.5	27.6	0.6	DLW205K2MX2*A2A000
3.0	1300	10	32.0	26.0	18.0	27.5	-	0.8	95	285	0.10	6.0	18.6	0.68	DLW305K2MX2*A2A000
4.0	1300	10	32.0	30.5	20.0	27.5	-	0.8	95	380	0.10	8.0	13.8	0.68	DLW405K2MX2*A2A000
4.0	1300	10	32.0	30.5	20.0	27.5	10.2	0.8	95	380	0.10	9.0	12.6	0.68	DLW405K2MX2*A4K000
4.0	1300	10	32.0	33.0	18.0	27.5	-	0.8	95	380	0.10	9.0	12.6	0.68	DLW405K2MX2*A2A001
5.0	1300	10	32.0	35.0	21.0	27.5	-	0.8	95	475	0.10	9.0	11.4	0.68	DLW505K2MX2*A2A000
5.0	1300	10	32.0	35.0	21.0	27.5	10.2	0.8	95	475	0.10	9.5	10.8	0.68	DLW505K2MX2*A4K000
2.0	1300	10	42.5	26.0	14.5	37.5	-	1.0	45	90	0.15	4.0	48.0	1.35	DLW205K2MX3*B2A000
3.0	1300	10	42.5	26.0	14.5	37.5	-	1.0	45	135	0.15	5.0	32.4	1.35	DLW305K2MX3*B2A000
4.0	1300	10	42.5	28.5	16.0	37.5	-	1.0	45	180	0.15	6.0	26.4	1.35	DLW405K2MX3*B2A000
5.0	1300	10	42.5	30.0	17.0	37.5	-	1.0	45	225	0.15	6.5	21.6	1.35	DLW505K2MX3*B2A000
6.0	1300	10	42.5	36.0	19.0	37.5	-	1.0	45	270	0.15	7.0	18.0	1.35	DLW605K2MX3*B2A000
7.0	1300	10	42.5	36.0	19.0	37.5	-	1.0	45	315	0.15	8.0	15.6	1.35	DLW705K2MX3*B2A000
8.0	1300	10	42.5	37.0	22.0	37.5	-	1.0	45	360	0.15	9.0	14.3	1.35	DLW805K2MX3*B2A000
8.0	1300	10	42.5	37.0	22.0	37.5	10.2	1.2	45	360	0.15	9.5	13.0	1.20	DLW805K2MX3*C4K000
9.0	1300	10	42.5	39.0	22.0	37.5	-	1.0	45	405	0.15	10.0	13.0	1.35	DLW905K2MX3*B2A000
9.0	1300	10	42.5	39.0	22.0	37.5	10.2	1.2	45	405	0.15	10.5	11.7	1.20	DLW905K2MX3*C4K000
10.0	1300	10	42.5	37.0	28.0	37.5	-	1.0	45	450	0.15	10.5	13.0	1.35	DLW106K2MX3*B2A001
10.0	1300	10	42.5	37.0	28.0	37.5	10.2	1.2	45	450	0.15	11.0	11.7	1.20	DLW106K2MX3*C4K001
10.0	1300	10	42.5	44.0	24.0	37.5	-	1.0	45	450	0.15	10.5	12.6	1.35	DLW106K2MX3*B2A000
10.0	1300	10	42.5	44.0	24.0	37.5	10.2	1.2	45	450	0.15	11.0	11.2	1.20	DLW106K2MX3*C4K000
12.0	1300	10	42.5	45.0	30.0	37.5	-	1.0	45	540	0.15	12.5	10.5	1.35	DLW126K2MX3*B2A000
12.0	1300	10	42.5	45.0	30.0	37.5	20.3	1.2	45	540	0.15	13.5	9.1	1.20	DLW126K2MX3*C4M000
14.0	1300	10	42.5	45.0	30.0	37.5	-	1.0	45	630	0.15	13.5	10.5	1.35	DLW146K2MX3*B2A000
20.0	1300	10	57.0	45.0	30.0	52.5	-	1.2	23	460	0.25	11.5	12.6	1.35	DLW206K2MX5*C2A000
20.0	1300	10	57.0	45.0	30.0	52.5	20.3	1.2	23	460	0.25	12.5	11.2	1.20	DLW206K2MX5*C4M000

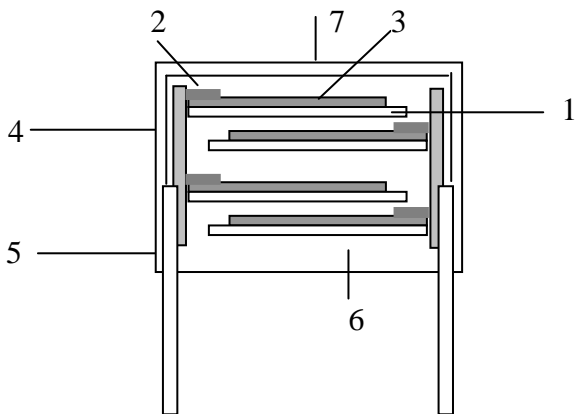


Marking



- ① Company Logo: **SCC**   
- ② Part Name
- ③ Rated Capacitance
- ④ Capacitance Tolerance
- ⑤ Self-healing
- ⑥  $V_R$  (70°C)
- ⑦ Without protective device
- ⑧ standard
- ⑨ Operating temperature
- ⑩ Date Code (1931; week 31 of 2019)
- ⑪ Production batch number

Construction



- 1. Plain polypropylene
- 2. Zn
- 3. Al
- 4. Metal spray (Zn+ Tin/Zn)
- 5. Lead wire (Tin-plated copper wire)
- 6. Epoxy resin. (UL94V-0、B)
- 7. PBT Case. (UL94V-0、B)

TYPE : DLW 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 Undc at 85°C				IEC61071:2017 4.1.2																		
2	額定電壓 Rated voltage	<table border="1"> <tr> <td>VR (VDC)</td> <td>500</td> <td>800</td> <td>900</td> <td>1100</td> <td>1300</td> </tr> <tr> <td>VR at 70°C (*DC)</td> <td>500</td> <td>800</td> <td>900</td> <td>1100</td> <td>1300</td> </tr> <tr> <td>Undc at 85°C (*DC)</td> <td>450</td> <td>700</td> <td>800</td> <td>900</td> <td>1100</td> </tr> </table>	VR (VDC)	500	800	900	1100	1300	VR at 70°C (*DC)	500	800	900	1100	1300	Undc at 85°C (*DC)	450	700	800	900	1100				IEC61071:2017 3.0
VR (VDC)	500	800	900	1100	1300																			
VR at 70°C (*DC)	500	800	900	1100	1300																			
Undc at 85°C (*DC)	450	700	800	900	1100																			
3	耐電壓 Withstand voltage	端子間 Between Terminals	無異常 No abnormality.			Undc x 150% 10 sec	IEC61071:2017 5.5																	
		端子外裝間 Between Terminals & Enclosure					Undc x 200% +1000*, 10 sec	IEC61071:2017 5.6																
4	絕緣阻抗 Insulation Resistance	≥ 10,000 S	Charge time: 60 ±5sec. Charge voltage: 100*DC 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	參考 DIMENSION 表	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.																					

TYPE : DLW SPECIFICATION			ELECTRICAL CHARACTERISTICS											
No	項目 Item	性能 Performance	條件 Test Conditions	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>+85±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	+85±3°C	3H	IEC 61071:2017 5.13
		Step	temp		time									
		1	-40±3°C		3H									
		2	+85±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	Voltage: 1.5Undc 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 2.5Undc If fewer than five clearings ha*e 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	$\Delta C/C \leq \pm 0.5\%$ Within $\pm 0.5\%$											
		散逸因數 Dissipation Factor	$\leq 1.1K$ 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 Undc 1.2 Number of discharges: 5 Time lapse: e*ery 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 *alue											
		靜電容量變化率 Capacitance Change	$\Delta C/C \leq \pm 1\%$ Within $\pm 1\%$											
		散逸因數 Dissipation Factor	$\leq 1.2 K$ 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 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	$\Delta C/C \leq \pm 10\%$ Within $\pm 10\%$											
		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 : DLW SPECIFICATION		ELECTRICAL CHARACTERISTICS			
No	項目 Item	性能 Performance	條件 Remark	參考標準 Reference Standard	
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 *alue		
		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)		
15	Over voltages	30% of on-load-during	1.1 *R	IEC 61071:2017 6.1	
		30 min/day	1.15 *R		
		5 min/day	1.2 *R		
		1 min/day	1.3 *R		
		30ms every time,1000 times during the whole life of the capacitor	1.5 *R		

電容儲存條件:

溫度: +5 ~ +35°C

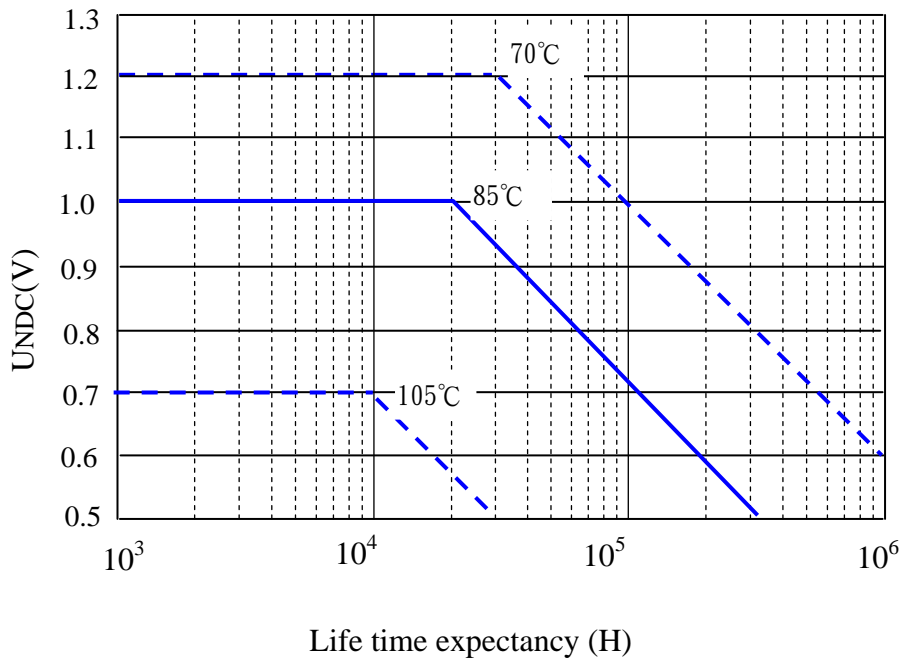
濕度:  $\leq 75\%$  RH

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)

STRONG COMPONENTS CO.,LTD

Life time expectancy (typical curve)



Peak current and RMS current derating

Current derating

