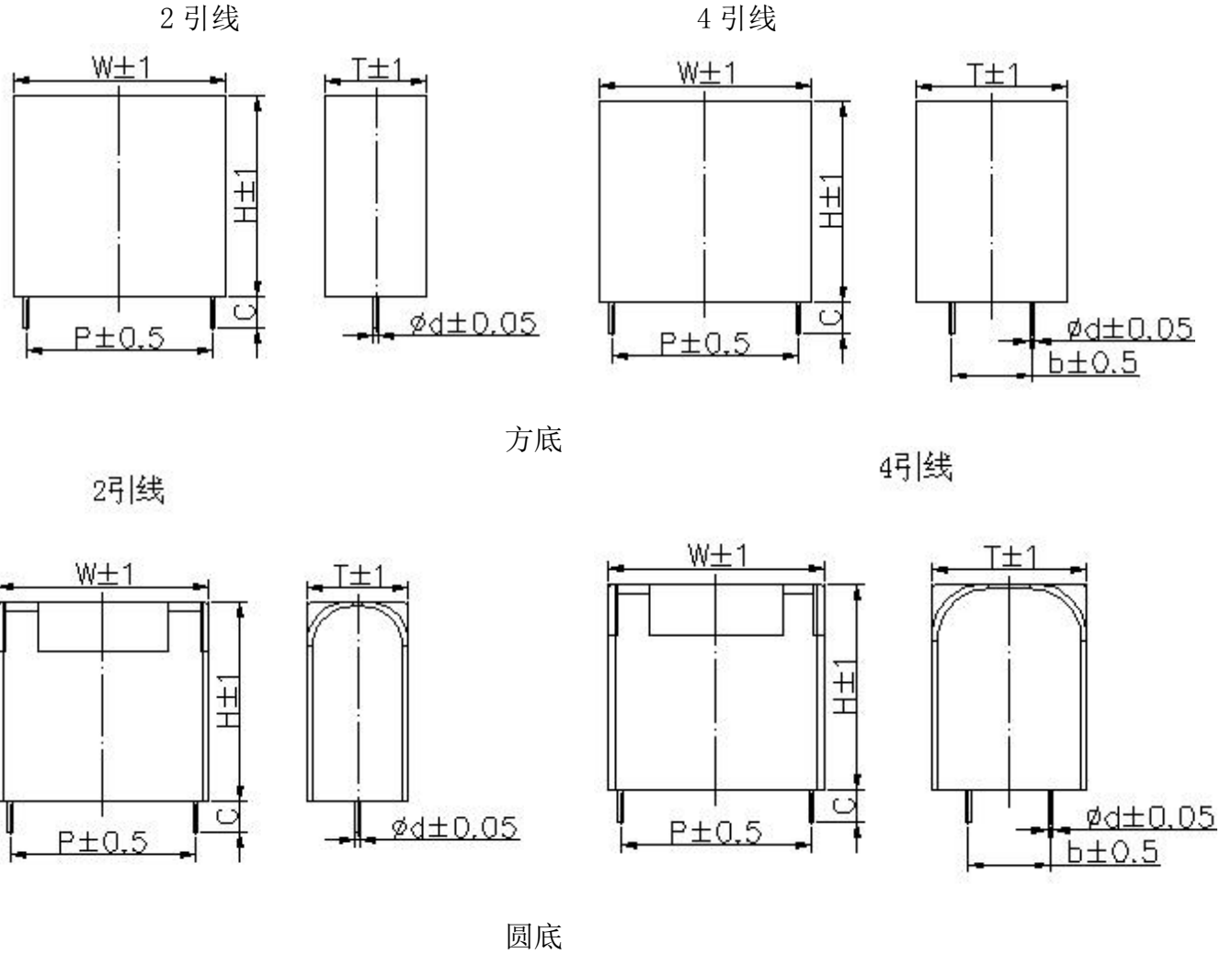


PCB 用金属化膜直流滤波电容器

DC-link Film Capacitors For PCB

●外形图 Outline Drawing



● **应用**

- 适用于变频器、光伏逆变器、工业及高端电源、车载电源及车载充电器等直流滤波。

● **产品描述**

- 引用标准 GB/T 17702 idt IEC61071, GB/T 2693 idt IEC60384-1;
- 特殊金属化聚丙烯膜无感卷绕而成;
- 产品用高性能阻燃环氧树脂封装于 UL94-V0 阻燃塑壳中;
- 高纹波电流, 低 ESR、LS。

● **Applications**

- Suitable for DC filtering of inverters, photovoltaic inverters, industrial and high-end power supplies, vehicle power supplies and car chargers.

● **Description of Products**

- Reference standard: GB/T 17702 idt IEC 61071, GB/T 2693 idt IEC 60384-1;
- Special metallized polypropylene film wound, non-inductive construction.
- The element of capacitor is sealed with high performance flame-retardant epoxy resin in UL94-V0 plastic case.
- High ripple current , low ESR and LS.

● **性能指标 Specifications**

气候类别 Climatic Category	40/85/56
工作温度(外壳) Operating temperature(case)	-40℃~105℃ (θ <sub>hs</sub> ) (+85℃~105℃, decreasing f <sub>chr</sub> : 1.35%/℃)
额定工作电压 Rated Voltage U <sub>n, 85℃</sub>	500Vdc, 600Vdc, 800Vdc, 900Vdc, 1000Vdc, 1100Vdc, 1200Vdc
电容量偏差 Capacitance Tolerance ΔC/C	J: ±5% K: ±10%
端子间电压 Voltage Proof Between Terminals U <sub>TT</sub>	1.5U <sub>n</sub> (10S)
绝缘电阻 Insulation Resistance (IR×C <sub>N</sub> )	IR≥10000S (20℃, 100Vdc, 1min)
自感 Self Inductance(Ls)	<1nH per mm of lead spacing
最大峰值电流 Maximum peak current î (A)	î=C·dv/dt
预期寿命 Expected lifetime	≥100000h @ U <sub>N</sub> θ <sub>hs</sub> =70℃



C61

Use for PCB Series

产品编码说明 Part number system

● 16位产品代码如下:

The 16 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
C	6	1													

第1~3位 Digit 1 to 3

型号代码 Series code  
C61=LBB61

第4~6位 Digit 4 to 6

额定电压 Rated voltage  
举例:163=10<sup>1</sup>×63V=630V

216=10<sup>2</sup>×16V=1600V

第7位 Digit 7

交流/直流电压 AC/DC  
A=AC D=DC

第8~10位 Digit 8 to 10

标称容量 Rated capacitance value  
举例: 310=10<sup>3</sup>×10pF=0.01μF

第11位 Digit 11

容量偏差 Capacitance tolerance  
J=±5%,K=±10%, M=±20%

第12位 Digit 12

主要特征码 Main code  
0: 2引线 two pins  
1: 4引线 four pins

第13~16位 Digit 13 to 16

内部识别码 Internal use

● 内部识别码 Internal use

第13位 Digit 13		第14位 Digit 14		第15位 Digit 15		第16位 Digit 16	
代码 Code	说明 Explanation	代码 Code	说明 Explanation	代码 Code	说明 Explanation	代码 Code	说明 Explanation
D	P=27.5mm	0	无 None	0	标准引线长度 5.5mm Standard lead length 5.5mm	0	引线长度偏差±1.0mm Length tolerance± 1.0mm
F	P=37.5mm	A	b=5.1mm				
M	P=52.5mm	B	b=10.2mm				
		C	b=12.7mm				
		D	b=20.3mm				

● 技术参数 Technical data (mm)

U <sub>N,85°C</sub> :500VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
5	32	20	11	27.5	/	0.8	65	10	100	8.5	5	C61150D550*0D0**
10	32	24.5	15	27.5	/	0.8	65	10	100	7.5	6.5	C61150D610*0D0**
22	32	37	22	27.5	/	0.8	65	10	100	5.0	10	C61150D622*0D0**
30	42	40	20	37.5	10.2	1.0	65	15	150	8.0	12.5	C61150D630*1FB**
35	42	36	24	37.5	10.2	1.0	30	15	150	8.0	13.5	C61150D635*1FB**
40	41.5	37.5	27.5	37.5	10.2	1.0	30	15	150	5.0	14.5	C61150D640*1FB**
50	41	43	28	37.5	12.7	1.2	30	15	150	4.0	16	C61150D650*1FC**
50	42	45	30	37.5	20.3	1.2	30	15	150	4.0	16	C61150D650*1FD**
60	42	45	30	37.5	20.3	1.2	30	15	150	3.0	16.5	C61150D660*1FD**
75	57	43.5	29.5	52.5	12.7	1.2	15	35	350	5.5	16	C61150D675*1MC**
75	57	43.5	29.5	52.5	20.3	1.2	15	35	350	5.5	16	C61150D675*1MD**
80	57	43.5	29.5	52.5	20.3	1.2	15	35	350	5.0	16.5	C61150D680*1MD**
100	57	50	35	52.5	20.3	1.2	15	35	350	4.0	18	C61150D710*1MD**
110	57	50	35	52.5	20.3	1.2	15	35	350	4.0	19	C61150D710*1MD**
U <sub>N,85°C</sub> :600VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
2	32	18	9	27.5	/	0.8	65	11	100	47.8	2.8	C61160D520*0D0**
3	32	20	11	27.5	/	0.8	65	11	100	31.8	4.1	C61160D530*0D0**
4	32	20	11	27.5	/	0.8	65	11	100	23.9	5.5	C61160D540*0D0**
5	32	22	13	27.5	/	0.8	65	11	100	19.1	6.9	C61160D550*0D0**
6	32	24.5	15	27.5	/	0.8	65	11	100	18.6	7.1	C61160D560*0D0**
7	32	24.5	15	27.5	/	0.8	65	11	100	15.9	8.3	C61160D570*0D0**
8	32	28	14	27.5	/	0.8	65	11	100	13.9	9.5	C61160D580*0D0**
9	32	30	16	27.5	/	0.8	65	11	100	12.4	10.7	C61160D590*0D0**
10	32	30	16	27.5	/	0.8	65	11	100	11.1	11.0	C61160D610*0D0**
12	32	33	18	27.5	/	0.8	65	11	100	10.8	12.0	C61160D612*0D0**
15	32	37	22	27.5	/	0.8	65	11	100	9.0	12.0	C61160D615*0D0**
15	32	37	22	27.5	10.2	0.8	65	11	100	7.4	16.5	C61160D615*1DB**
18	32	37	22	27.5	/	0.8	65	11	100	8.0	12.0	C61160D618*0D0**
18	32	37	22	27.5	12.7	0.8	65	11	100	6.2	17.0	C61160D618*1DC**
10	41	30	16	37.5	/	1.0	30	20	175	19.5	6.2	C61160D610*0F0**
12	41	30	16	37.5	/	1.0	30	20	175	16.3	7.4	C61160D612*0F0**
15	41	33.5	18.5	37.5	/	1.0	30	20	175	13.0	9.2	C61160D615*0F0**

● 技术参数 Technical data (mm)

U <sub>N, 85°C</sub> : 600VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距 (mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
20	42	40	20	37.5	10.2	1.0	30	20	175	9.8	12.3	C61160D620*1FB**
22	42	40	20	37.5	10.2	1.0	30	20	175	8.9	13.5	C61160D622*1FB**
25	42	40	20	37.5	10.2	1.0	30	20	175	7.8	15.4	C61160D625*1FB**
30	42	44	24	37.5	10.2	1.0	30	20	175	6.5	18.5	C61160D630*1FB**
35	42	45	30	37.5	10.2	1.2	30	20	175	6.0	20.1	C61160D635*1FB**
35	42	45	30	37.5	20.3	1.2	30	20	175	6.0	20.1	C61160D635*1FD**
40	42	45	30	37.5	20.3	1.2	30	20	175	5.2	23	C61160D640*1FD**
40	42	45	30	37.5	20.3	1.2	30	20	175	5.2	23	C61160D640*1FD**
45	42	50	35	37.5	12.7	1.2	30	20	175	4.6	25.8	C61160D645*1FC**
45	42	50	35	37.5	20.3	1.2	30	20	175	4.6	25.8	C61160D645*1FD**
50	42	50	35	37.5	20.3	1.2	30	20	175	4.2	28.7	C61160D650*1FD**
★50	42	46	35	37.5	20.3	1.2	30	20	175	4.2	28.7	C61160D650*1FD**
55	42	50	35	37.5	20.3	1.2	30	20	175	3.8	31.6	C61160D655*1FD**
60	42	55	40	37.5	20.3	1.2	30	20	175	3.5	34.5	C61160D660*1FD**
65	42	55	40	37.5	20.3	1.2	30	20	175	3.2	35.0	C61160D665*1FD**
70	42	55	40	37.5	20.3	1.2	30	20	175	3.0	35.0	C61160D670*1FD**
75	42	60	45	37.5	20.3	1.2	30	20	175	2.8	35.0	C61160D675*1FD**
80	42	60	45	37.5	20.3	1.2	30	20	175	2.6	35.0	C61160D680*1FD**
85	42	60	45	37.5	20.3	1.2	30	20	175	2.5	35.0	C61160D685*1FD**
40	57	45	25	52.5	12.7	1.2	15	36	350	9.8	12.3	C61160D640*1MC**
45	57	45	25	52.5	12.7	1.2	15	36	350	8.7	13.8	C61160D645*1MC**
50	57	45	25	52.5	12.7	1.2	15	36	350	7.8	15.4	C61160D650*1MC**
55	57	43.5	29.5	52.5	12.7	1.2	15	36	350	7.1	16.9	C61160D655*1MC**
55	57	43.5	29.5	52.5	20.3	1.2	15	36	350	7.1	16.9	C61160D655*1MD**
60	57	43.5	29.5	52.5	12.7	1.2	15	36	350	6.5	18.5	C61160D660*1MC**
60	57	43.5	29.5	52.5	20.3	1.2	15	36	350	6.5	18.5	C61160D660*1MD**
65	57	50	35	52.5	12.7	1.2	15	36	350	6.0	20.0	C61160D665*1MC**
65	57	50	35	52.5	20.3	1.2	15	36	350	6.0	20.0	C61160D665*1MD**
70	57	50	35	52.5	20.3	1.2	15	36	350	5.6	21.5	C61160D670*1MD**
75	57	50	35	52.5	20.3	1.2	15	36	350	5.2	23.1	C61160D675*1MD**
80	57	50	35	52.5	20.3	1.2	15	36	350	4.9	24.6	C61160D680*1MD**
85	57	55	45	52.5	20.3	1.2	15	36	350	4.8	25.1	C61160D685*1MD**
90	57	55	45	52.5	20.3	1.2	15	36	350	4.6	25.8	C61160D690*1MD**
95	57	55	45	52.5	20.3	1.2	15	36	350	4.4	27.3	C61160D695*1MD**
100	57	55	45	52.5	20.3	1.2	15	36	350	4.2	28.7	C61160D710*1MD**
110	57	55	45	52.5	20.3	1.2	15	36	350	3.8	31.6	C61160D711*1MD**
120	57	65	45	52.5	20.3	1.2	15	36	350	3.5	34.5	C61160D712*1MD**
130	57	65	45	52.5	20.3	1.2	15	36	350	3.2	35.0	C61160D713*1MD**
140	57	65	45	52.5	20.3	1.2	15	36	350	3.0	35.0	C61160D714*1MD**

● 技术参数 Technical data (mm)

U <sub>N, 85°C</sub> : 800VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距 (mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
2.0	32	18	9	27.5	/	0.8	65	10	95	45.4	2.9	C61180D520*0D0**
3.0	32	20	11	27.5	/	0.8	65	10	95	30.3	4.4	C61180D530*0D0**
3.3	32	30	16	27.5	/	0.8	65	10	95	18.8	7	C61180D533*0D0**
4.0	32	25	13	27.5	/	0.8	65	10	95	22.7	5.8	C61180D540*0D0**
5.0	32	24.5	15	27.5	/	0.8	65	10	95	18.2	7.3	C61180D550*0D0**
6.0	32	30	16	27.5	/	0.8	65	10	95	15.1	8.7	C61180D560*0D0**
7.0	32	30	16	27.5	/	0.8	65	10	95	13.0	10.2	C61180D570*0D0**
8.0	32	33	18	27.5	/	0.8	65	10	95	12.5	10.5	C61180D580*0D0**
9.0	32	33	18	27.5	/	0.8	65	10	95	11.1	11.8	C61180D590*0D0**
10.0	32	37	22	27.5	/	0.8	65	10	95	11.0	12	C61180D610*0D0**
10.0	32	37	22	27.5	10.2	0.8	65	10	95	9.1	14.5	C61180D610*1DB**
11.0	32	37	22	27.5	/	0.8	65	10	95	10.0	12	C61180D611*0D0**
11.0	32	37	22	27.5	10.2	0.8	65	10	95	8.3	16	C61180D611*1DB**
12.0	32	37	22	27.5	/	0.8	65	10	95	9.3	12	C61180D612*0D0**
12.0	32	37	22	27.5	10.2	0.8	65	10	95	7.6	16	C61180D612*1DB**
13.0	32	37	22	27.5	/	0.8	65	10	95	8.8	12	C61180D613*0D0**
13.0	32	37	22	27.5	12.7	0.8	65	10	95	8.1	16.2	C61180D613*1DC**
14.0	32	37	22	27.5	/	0.8	65	10	95	8.2	12	C61180D614*0D0**
14.0	32	37	22	27.5	12.7	0.8	65	10	95	7.6	16.5	C61180D614*1DC**
8.0	41	30	16	37.5	/	1.0	30	18	160	22.3	5.4	C61180D580*0F0**
9.0	41	30	16	37.5	/	1.0	30	18	160	19.8	6.1	C61180D590*0F0**
10.0	41	33.5	18.5	37.5	/	1.0	30	18	160	17.8	6.7	C61180D610*0F0**
12.0	41	33.5	18.5	37.5	/	1.0	30	18	160	14.9	8.1	C61180D612*0F0**
15.0	42	40	20	37.5	10.2	1.0	30	18	160	11.9	10.1	C61180D615*1FB**
20.0	42	44	24	37.5	12.7	1.0	30	18	160	8.9	13.5	C61180D620*1FC**
25.0	42	44	24	37.5	12.7	1.0	30	18	160	7.1	16.8	C61180D625*1FC**
30.0	42	45	30	37.5	12.7	1.2	30	18	160	5.9	20.2	C61180D630*1FC**
30.0	42	45	30	37.5	20.3	1.2	30	18	160	5.9	20.2	C61180D630*1FD**
35.0	42	50	35	37.5	20.3	1.2	30	18	160	5.5	22	C61180D635*1FD**
40.0	42	50	35	37.5	20.3	1.2	30	18	160	4.8	25.1	C61180D640*1FD**
45.0	42	55	40	37.5	20.3	1.2	30	18	160	4.2	28.3	C61180D645*1FD**
50.0	42	55	40	37.5	20.3	1.2	30	18	160	3.8	31.4	C61180D650*1FD**
55.0	42	60	45	37.5	20.3	1.2	30	18	160	3.5	34.5	C61180D655*1FD**
★60	42	60	45	37.5	20.3	1.2	30	18	160	3.2	35	C61180D660*1FD**
★65	42	60	45	37.5	20.3	1.2	30	18	160	2.9	35	C61180D665*1FD**
25.0	57	45	25	52.5	12.7	1.2	15	33	320	14.3	8.4	C61180D625*1MC**
30.0	57	45	25	52.5	12.7	1.2	15	33	320	11.9	10.1	C61180D630*1MC**
★35.0	57	45	25	52.5	12.7	1.2	15	33	320	10.2	11.8	C61180D635*1MC**

● 技术参数 Technical data (mm)

U <sub>N, 85°C</sub> : 800VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
40.0	57	43.5	29.5	52.5	12.7	1.2	15	33	320	8.9	13.5	C61180D640*1MC**
40.0	57	43.5	29.5	52.5	20.3	1.2	15	33	320	8.9	13.5	C61180D640*1MD**
45.0	57	43.5	29.5	52.5	12.7	1.2	15	33	320	7.9	15.1	C61180D645*1MC**
45.0	57	43.5	29.5	52.5	20.3	1.2	15	33	320	7.9	15.1	C61180D645*1MD**
50.0	57	50	35	52.5	12.7	1.2	15	33	320	7.1	16.8	C61180D650*1MC**
50.0	57	50	35	52.5	20.3	1.2	15	33	320	7.1	16.8	C61180D650*1MD**
55.0	57	50	35	52.5	20.3	1.2	15	33	320	6.5	18.5	C61180D655*1MD**
60.0	57	50	35	52.5	20.3	1.2	15	33	320	5.9	20.2	C61180D660*1MD**
65.0	57	55	45	52.5	20.3	1.2	15	33	320	5.5	21.9	C61180D665*1MD**
70.0	57	55	45	52.5	20.3	1.2	15	33	320	5.1	23.6	C61180D670*1MD**
75.0	57	55	45	52.5	20.3	1.2	15	33	320	4.8	25.2	C61180D675*1MD**
80.0	57	55	45	52.5	20.3	1.2	15	33	320	4.6	25.9	C61180D680*1MD**
85.0	57	55	45	52.5	20.3	1.2	15	33	320	4.5	26.7	C61180D685*1MD**
90.0	57	55	45	52.5	20.3	1.2	15	33	320	4.2	28.3	C61180D690*1MD**
95.0	57	55	45	52.5	20.3	1.2	15	33	320	4.0	29.8	C61180D695*1MD**
100.0	57	55	45	52.5	20.3	1.2	15	33	320	3.8	31.4	C61180D710*1MD**
110.0	57	55	45	52.5	20.3	1.2	15	33	320	3.5	34.5	C61180D711*1MD**
U <sub>N, 85°C</sub> : 900VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
1	32	18	9	27.5	/	0.8	70	9	90	86	1.5	C61190D510*0D0**
2	32	20	11	27.5	/	0.8	70	9	90	43	3.1	C61190D520*0D0**
3	32	22	13	27.5	/	0.8	70	9	90	28.7	4.6	C61190D530*0D0**
4	32	24.5	15	27.5	/	0.8	70	9	90	21.5	6.1	C61190D540*0D0**
5	32	30	16	27.5	/	0.8	70	9	90	17.2	7.7	C61190D550*0D0**
6	32	33	18	27.5	/	0.8	70	9	90	18	6.9	C61190D560*0D0**
7	32	33	18	27.5	/	0.8	70	9	90	13	10.2	C61190D570*0D0**
8	32	37	22	27.5	/	0.8	70	9	90	11.5	11.4	C61190D580*0D0**
8	32	37	22	27.5	10.2	0.8	70	9	90	10.7	12.3	C61190D580*1DB**
9	32	37	22	27.5	/	0.8	70	9	90	10.4	12	C61190D590*0D0**
9	32	37	22	27.5	12.7	1.0	70	9	90	9.6	13.8	C61190D590*1DC**
10	32	37	22	27.5	/	1.0	70	9	90	12	12.2	C61190D610*0D0**
10	32	37	22	27.5	12.7	1.0	70	9	90	8.6	15.4	C61190D610*1DC**

● 技术参数 Technical data (mm)

U <sub>N,85°C</sub> :900VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
4.7	41	26	15	37.5	/	1.0	35	17	150	35.6	3.4	C61190D547*0F0**
5	41	30	16	37.5	/	1.0	35	17	150	33.4	3.6	C61190D550*0F0**
6	41	30	16	37.5	/	1.0	35	17	150	27.9	4.3	C61190D560*0F0**
7	41	30	16	37.5	/	1.0	35	17	150	23.9	5	C61190D570*0F0**
8	41	33	18	37.5	/	1.0	35	17	150	20.9	5.7	C61190D580*0F0**
10	42	40	20	37.5	10.2	1.0	35	17	150	16.7	7.2	C61190D610*1FB**
12	41	37	22	37.5	10.2	1.0	35	17	150	13.9	8.6	C61190D612*1FB**
15	42	44	24	37.5	12.7	1.0	35	17	150	11.1	10.8	C61190D615*1FC**
18	42	44	24	37.5	12.7	1.0	35	17	150	9.3	12.9	C61190D618*1FC**
20	42	44	24	37.5	12.7	1.0	35	17	150	8.4	14.4	C61190D620*1FC**
25	42	45	30	37.5	12.7	1.2	35	17	150	6.7	17.9	C61190D625*1FC**
25	42	45	30	37.5	20.3	1.2	35	17	150	6.7	17.9	C61190D625*1FD**
30	42	50	35	37.5	20.3	1.2	35	17	150	5.6	21.5	C61190D630*1FD**
35	42	55	40	37.5	20.3	1.2	35	17	150	5.1	23.4	C61190D635*1FD**
40	42	55	40	37.5	20.3	1.2	35	17	150	4.5	26.8	C61190D640*1FD**
45	42	60	45	37.5	20.3	1.2	35	17	150	4.0	30.1	C61190D645*1FD**
50	42	60	45	37.5	20.3	1.2	35	17	150	3.6	33.5	C61190D650*1FD**
15	57	45	25	52.5	10.2	1.2	15	31	300	22.3	5.4	C61190D615*1MB**
20	57	45	25	52.5	12.7	1.2	15	31	300	16.7	7.2	C61190D620*1MC**
25	57	45	25	52.5	12.7	1.2	15	31	300	13.4	9	C61190D625*1MC**
30	57	43.5	29.5	52.5	12.7	1.2	15	31	300	11.1	10.8	C61190D630*1MC**
30	57	43.5	29.5	52.5	20.3	1.2	15	31	300	11.1	10.8	C61190D630*1MD**
35	57	43.5	29.5	52.5	12.7	1.2	15	31	300	9.6	12.6	C61190D635*1MC**
35	57	43.5	29.5	52.5	20.3	1.2	15	31	300	9.6	12.6	C61190D635*1MD**
40	57	50	35	52.5	20.3	1.2	15	31	300	8.4	14.4	C61190D640*1MD**
45	57	50	35	52.5	20.3	1.2	15	31	300	7.4	16.1	C61190D645*1MD**
50	57	50	35	52.5	20.3	1.2	15	31	300	6.7	17.9	C61190D650*1MD**
55	57	55	45	52.5	20.3	1.2	15	31	300	6.1	19.7	C61190D655*1MD**
60	57	55	45	52.5	20.3	1.2	15	31	300	5.6	21.5	C61190D660*1MD**
65	57	55	45	52.5	20.3	1.2	15	31	300	5.1	23.3	C61190D665*1MD**
70	57	65	45	52.5	20.3	1.2	15	31	300	4.8	25.1	C61190D670*1MD**
75	57	65	45	52.5	20.3	1.2	15	31	300	4.7	25.7	C61190D675*1MD**
80	57	65	45	52.5	20.3	1.2	15	31	300	4.5	26.8	C61190D680*1MD**
85	57	65	45	52.5	20.3	1.2	15	31	300	4.2	28.5	C61190D685*1MD**

● 技术参数 Technical data (mm)



U <sub>N,85℃</sub> :1000VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
1	32	18	9	27.5	/	0.8	75	8	80	76.4	1.7	C61210D510*0D0**
2	32	22	13	27.5	/	0.8	75	8	80	38.2	3.5	C61210D520*0D0**
3	32	24.5	15	27.5	/	0.8	75	8	80	25.5	5.2	C61210D530*0D0**
4	32	30	16	27.5	/	0.8	75	8	80	19.1	6.9	C61210D540*0D0**
5	32	33	18	27.5	/	0.8	75	8	80	15.3	8.6	C61210D550*0D0**
6	32	33	18	27.5	/	0.8	75	8	80	14.9	8.9	C61210D560*0D0**
7	32	37	22	27.5	/	0.8	75	8	80	14.5	9.4	C61210D570*0D0**
7	32	37	22	27.5	12.7	0.8	75	8	80	11.4	11.6	C61210D570*1DC**
8	32	37	22	27.5	/	0.8	75	8	80	13.0	10.8	C61210D580*0D0**
8	32	37	22	27.5	12.7	0.8	75	8	80	10.0	13.3	C61210D580*1DC**
5	41	30	16	37.5	/	1.0	37	15	140	31.2	3.8	C61210D550*0F0**
6	41	30	16	37.5	/	1.0	37	15	140	26	4.6	C61210D560*0F0**
7	41	33	18	37.5	/	1.0	37	15	140	22.3	5.4	C61210D570*0F0**
8	41	33	18	37.5	/	1.0	37	15	140	19.5	6.2	C61210D580*0F0**
10	42	40	20	37.5	/	1.0	37	15	140	15.6	6.7	C61210D610*0F0**
10	42	40	20	37.5	10.2	1.0	37	15	140	15.6	7.7	C61210D610*1FB**
12	41	37	22	37.5	12.7	1.0	37	15	140	13.0	9.2	C61210D612*1FC**
12	41	37	22	37.5	/	1.0	37	15	140	15.0	8	C61210D612*0F0**
15	42	44	24	37.5	12.7	1.0	37	15	140	10.4	11.5	C61210D615*1FC**
18	42	45	30	37.5	12.7	1.2	37	15	140	8.7	13.8	C61210D618*1FC**
18	42	45	30	37.5	20.3	1.2	37	15	140	8.7	13.8	C61210D618*1FD**
20	42	45	30	37.5	12.7	1.2	37	15	140	7.8	15.4	C61210D620*1FC**
20	42	45	30	37.5	20.3	1.2	37	15	140	7.8	15.4	C61210D620*1FD**
25	42	50	35	37.5	20.3	1.2	37	15	140	6.2	19.2	C61210D625*1FD**
30	42	55	40	37.5	20.3	1.2	37	15	140	5.2	23.1	C61210D630*1FD**
35	42	55	40	37.5	20.3	1.2	37	15	140	4.8	25.1	C61210D635*1FD**
40	42	60	45	37.5	20.3	1.2	37	15	140	4.2	28.7	C61210D640*1FD**
15	57	45	25	52.5	12.7	1.2	17	28	280	20.8	5.8	C61210D615*1MC**
20	57	45	25	52.5	12.7	1.2	17	28	280	15.6	7.7	C61210D620*1MC**
25	57	45	25	52.5	12.7	1.2	17	28	280	12.5	9.6	C61210D625*1MC**
30	57	43.5	29.5	52.5	12.7	1.2	17	28	280	10.4	11.5	C61210D630*1MC**
30	57	43.5	29.5	52.5	20.3	1.2	17	28	280	10.4	11.5	C61210D630*1MD**
30	57	45	30	52.5	12.7	1.2	17	28	280	10.4	11.5	C61210D630*1MC**
30	57	45	30	52.5	20.3	1.2	17	28	280	10.4	11.5	C61210D630*1MD**
35	57	50	35	52.5	20.3	1.2	17	28	280	8.9	13.5	C61210D635*1MD**
40	57	50	35	52.5	20.3	1.2	17	28	280	7.8	15.4	C61210D640*1MD**
45	57	55	45	52.5	20.3	1.2	17	28	280	6.9	17.3	C61210D645*1MD**
50	57	55	45	52.5	20.3	1.2	17	28	280	6.2	19.2	C61210D650*1MD**
55	57	55	45	52.5	20.3	1.2	17	28	280	5.7	21.1	C61210D655*1MD**
60	57	65	45	52.5	20.3	1.2	17	28	280	5.2	23.1	C61210D660*1MD**
65	57	65	45	52.5	20.3	1.2	17	28	280	4.8	25	C61210D665*1MD**
70	57	65	45	52.5	20.3	1.2	17	28	280	4.5	26.9	C61210D670*1MD**

● 技术参数 Technical data (mm)

U <sub>N,85°C</sub> :1100VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
0.68	32	20	11	27.5	/	0.8	80	8	70	80	1.7	C61211D468*0D0**
1.0	32	20	11	27.5	/	0.8	80	8	70	59.4	2.2	C61211D510*0D0**
1.5	32	22	13	27.5	/	0.8	80	8	70	55.7	2.4	C61211D515*0D0**
2.0	32	25	13	27.5	/	0.8	80	8	70	27.9	4.7	C61211D520*0D0**
★2.0	32	25	13	27.5	/	0.8	80	8	70	27.9	4.7	C61211D520*0D0**
3.0	32	30	16	27.5	/	0.8	80	8	70	20.4	6.5	C61211D530*0D0**
4.0	32	33	18	27.5	/	0.8	80	8	70	15.3	8.6	C61211D540*0D0**
5.0	32	37	22	27.5	/	0.8	80	8	70	14.0	9.8	C61211D550*0D0**
5.0	32	37	22	27.5	10.2	0.8	80	8	70	12.3	10.8	C61211D550*1DB**
6.0	32	37	22	27.5	/	0.8	80	8	70	12.3	10.8	C61211D560*0D0**
6.0	32	37	22	27.5	10.2	0.8	80	8	70	10.2	12.9	C61211D560*1DB**
3.0	41	30	16	37.5	/	1.0	40	15	130	48.3	2.5	C61211D530*0F0**
4.0	41	30	16	37.5	/	1.0	40	15	130	36.2	3.3	C61211D540*0F0**
4.7	41	33.5	18.5	37.5	/	1.0	40	15	130	30.8	3.9	C61211D547*0F0**
5.0	41	33.5	18.5	37.5	/	1.0	40	15	130	29.0	4.1	C61211D550*0F0**
6.0	41	33.5	18.5	37.5	/	1.0	40	15	130	24.2	5	C61211D560*0F0**
7.0	42	40	20	37.5	10.2	1.0	40	15	130	20.7	5.8	C61211D570*1FB**
8.0	41	37	22	37.5	10.2	1.0	40	15	130	18.1	6.6	C61211D580*1FB**
9.0	41	37	22	37.5	12.7	1.0	40	15	130	16.1	7.5	C61211D590*1FC**
10	42	44	24	37.5	12.7	1.0	40	15	130	14.5	8.3	C61211D610*1FC**
12	42	44	24	37.5	12.7	1.0	40	15	130	12.1	9.9	C61211D612*1FC**
12	42	44	24	37.5	/	1.0	40	15	130	14.0	8.6	C61211D612*0F0**
15	42	45	30	37.5	12.7	1.2	40	15	130	9.7	12.4	C61211D615*1FC**
15	42	45	30	37.5	20.3	1.2	40	15	130	9.7	12.4	C61211D615*1FD**
18	42	50	35	37.5	20.3	1.2	40	15	130	8.1	14.9	C61211D618*1FD**
20	42	50	35	37.5	20.3	1.2	40	15	130	7.2	16.6	C61211D620*1FD**
25	42	55	40	37.5	20.3	1.2	40	15	130	5.8	20.7	C61211D625*1FD**
30	42	60	45	37.5	20.3	1.2	40	15	130	4.8	24.8	C61211D630*1FD**
★15	57	45	25	52.5	12.7	1.2	20	27	260	19.3	6.2	C61211D615*1MC**
20	57	43.5	29.5	52.5	12.7	1.2	20	27	260	14.5	8.3	C61211D620*1MC**
20	57	43.5	29.5	52.5	20.3	1.2	20	27	260	14.5	8.3	C61211D620*1MD**
25	57	50	35	52.5	20.3	1.2	20	27	260	11.6	10.4	C61211D625*1MD**
30	57	50	35	52.5	20.3	1.2	20	27	260	9.7	12.4	C61211D630*1MD**
35	57	55	45	52.5	20.3	1.2	20	27	260	8.4	14.3	C61211D635*1MD**
40	57	55	45	52.5	20.3	1.2	20	27	260	7.8	15.5	C61211D640*1MD**
45	57	55	45	52.5	20.3	1.2	20	27	260	6.9	17.4	C61211D645*1MD**
50	57	65	45	52.5	20.3	1.2	20	27	260	6.2	19.3	C61211D650*1MD**
55	57	65	45	52.5	20.3	1.2	20	27	260	5.6	21.3	C61211D655*1MD**

● 技术参数 Technical data (mm)

U <sub>N,85°C</sub> :1200VDC												
C <sub>N</sub> μF	W±1.0	H±1.0	T±1.0	中心距(mm)		d ±0.05	dv/dt V/μs	tan δ × (10 <sup>-4</sup> )		ESR @10kHz (mΩ)	I <sub>rms</sub> A	Part number
				P ±0.5	b ±0.5			1kHz	10kHz			
1.0	32	20	11	27.5	/	0.8	90	7	55	39.5	3.5	C61212D510*0D0**
2.0	32	24.5	15	27.5	/	0.8	90	7	55	26.3	5	C61212D520*0D0**
3.0	32	30	16	27.5	/	0.8	90	7	55	17.5	7.5	C61212D530*0D0**
4.0	32	33	18	27.5	/	0.8	90	7	55	13.9	9.5	C61212D540*0D0**
5.0	32	37	22	27.5	/	0.8	90	7	55	12.7	10.4	C61212D550*0D0**
5.0	32	37	22	27.5	10.2	0.8	90	7	55	11.1	11.8	C61212D550*0D0**
3.0	41	30	16	37.5	/	1.0	45	13	100	37.2	3.2	C61212D530*0F0**
4.0	41	30	16	37.5	/	1.0	45	13	100	27.9	4.3	C61212D540*0F0**
5.0	41	33.5	18.5	37.5	/	1.0	45	13	100	22.3	5.4	C61212D550*0F0**
6.0	42	40	20	37.5	/	1.0	45	13	100	18.6	6.5	C61212D560*0F0**
7.0	41	37	22	37.5	10.2	1.0	45	13	100	15.9	7.5	C61212D570*1FB**
8.0	42	44	24	37.5	12.7	1.0	45	13	100	13.9	8.6	C61212D580*1FC**
9.0	42	44	24	37.5	12.7	1.0	45	13	100	12.4	9.7	C61212D590*1FC**
10	42	44	24	37.5	12.7	1.0	45	13	100	11.1	10.8	C61212D610*1FC**
12	42	45	30	37.5	12.7	1.2	45	13	100	9.3	12.9	C61212D612*1FC**
12	42	45	30	37.5	20.3	1.2	45	13	100	9.3	12.9	C61212D612*1FD**
15	42	50	35	37.5	20.3	1.2	45	13	100	7.4	16.1	C61212D615*1FD**
18	42	50	35	37.5	20.3	1.2	45	13	100	6.6	18.1	C61212D618*1FD**
20	42	55	40	37.5	20.3	1.2	45	13	100	6.0	20.1	C61212D620*1FD**
25	42	60	45	37.5	20.3	1.2	45	13	100	4.8	25.1	C61212D625*1FD**
12	57	45	25	52.5	12.7	1.2	23	24	200	19.9	6	C61212D612*1MC**
15	57	45	25	52.5	12.7	1.2	23	24	200	15.9	7.5	C61212D615*1MC**
20	57	43.5	29.5	52.5	12.7	1.2	23	24	200	11.9	10	C61212D620*1MC**
20	57	43.5	29.5	52.5	20.3	1.2	23	24	200	11.9	10	C61212D620*1MD**
20	57	45	30	52.5	12.7	1.2	23	24	200	11.9	10	C61212D620*1MC**
20	57	45	30	52.5	20.3	1.2	23	24	200	11.9	10	C61212D620*1MD**
25	57	50	35	52.5	20.3	1.2	23	24	200	9.6	12.6	C61212D625*1MD**
30	57	55	45	52.5	20.3	1.2	23	24	200	8.0	15.1	C61212D630*1MD**
35	57	55	45	52.5	20.3	1.2	23	24	200	6.8	17.6	C61212D635*1MD**
40	57	65	45	52.5	20.3	1.2	23	24	200	6.0	20.1	C61212D640*1MD**
45	57	65	45	52.5	20.3	1.2	23	24	200	5.3	22.6	C61212D640*1MD**