

产品特点 Introduction

- ◆ 铜焊片引出，方便于各种IGBT安装；
Copper lug leads, easy installation;
- ◆ 吸收尖峰电压；
Absorb peak voltage;
- ◆ 双面金属化膜结构，可承受高频电流；
Double metalized film, High Irms current;
- ◆ 自感低、可靠性高，使用寿命长；
Low self-inductance, High reliability and life expectancy;
- ◆ 具有自愈性；
With self-healing;
- ◆ 无极性介质。
Non-polar.

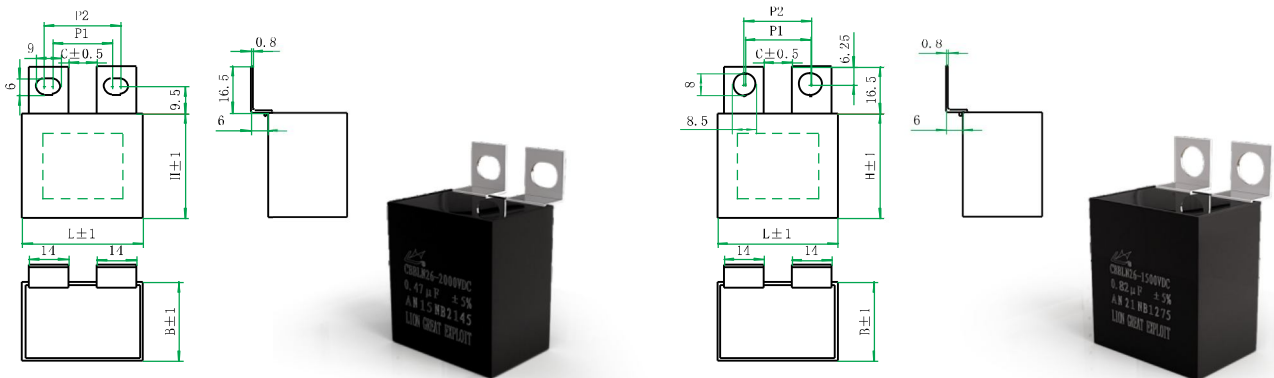
应用领域 Applications

- ◆ IGBT、GTO 缓冲吸收；
IGBT、GTO snubber;
- ◆ 尖峰电压箝位；
Peak voltage clamp;
- ◆ 变频器、焊机、UPS、EPS；
Welders inverters、UPS、EPS;
- ◆ 感应加热设备。
Inductance heating machine.

技术参数 Parameter

额定交流电压	U_N	420Vac ~ 1400Vac
额定直流电压	U_{NDC}	700Vdc ~ 4000Vdc
标称电容量	C_N	0.1 μ F ~ 10 μ F
容量等级	Tolerance	$\pm 5\%$ 、 $\pm 10\%$
极间耐压	U_{t-t}	1.5 U_{NDC} (10s)
极间绝缘电阻	Insulation Resistance	$C_N \geq 0.33 \mu F$ 30000s (100V, 1min) $C_N < 0.33 \mu F$ 30000M Ω (100V, 1min) $C_N \leq 1.5 \mu F \leq 0.0004$ (1kHz) ; $C_N > 1.5 \mu F \leq 0.0008$ (1kHz)。
损耗角正切	$\tan \delta$	85 $^{\circ}$ C -40 $^{\circ}$ C ~ +85 $^{\circ}$ C -40 $^{\circ}$ C ~ +85 $^{\circ}$ C
热点温度	θ_{hs}	UL94 V-0
运行环境温度	Operating Temperature	$\leq 2000m$
储存温度	Storage Temperature	100 000h (85 $^{\circ}$ C、 U_N 、 $\Delta C/C \leq \pm 3\%$)
阻燃等级	Flame Retardation	IEC 61071、GB/T 17702
海拔高度	Altitude	
预期寿命	Life expectancy	
参考标准	Reference standards	

外形图 Outline Drawing

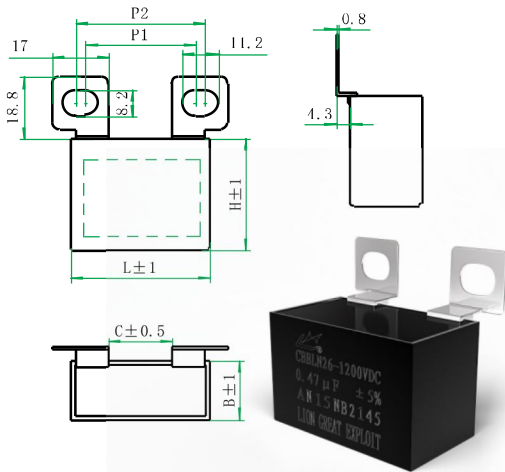


L	C	P1	P2
42.5	10	21	27
45/47	11	22	28
57.5/60	23	34	40

B型M6

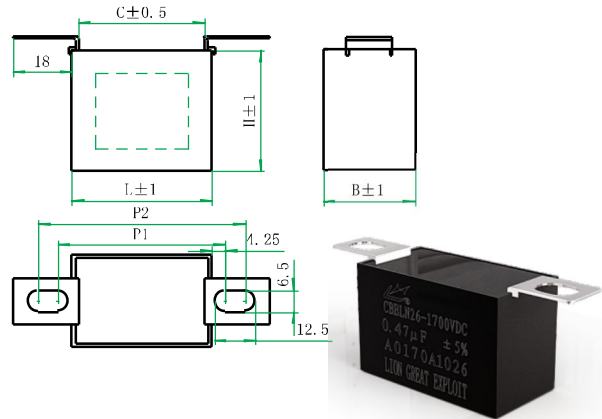
L	C	P1	P2
42.5	10	23	24
45/47	11	24	25
57.5/60	23	36	37

B型M8



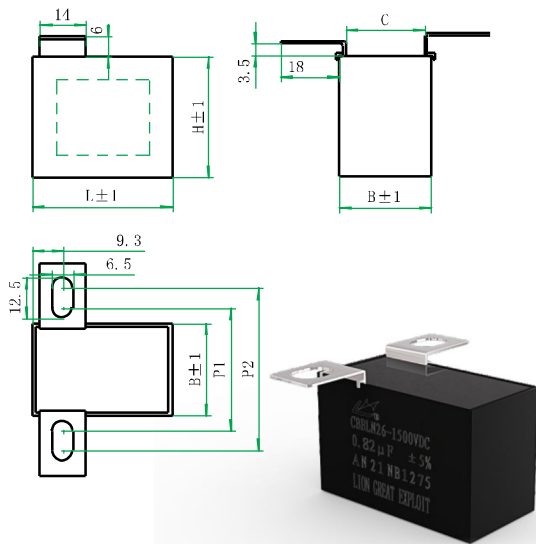
L	C	P1	P2
42.5	19.5	33.5	39.5
45/47	21	35	41
57.5/60	33	47	53

G型



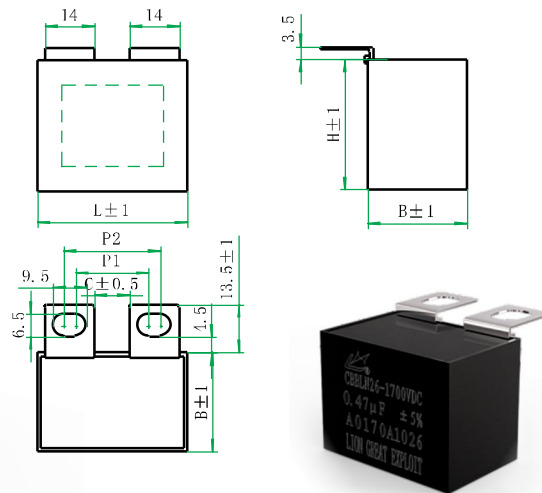
L	C	P1	P2
42.5	38.5	51	63
45	41	53.5	65.5
47	43	55.5	67.5
57.5	53.5	66	78
60	56	68.5	80.5

E型



C	P1	P2
B-3	B+9.5	B+21.5

TF型



L	C	P1	P2
42.5	10	20.5	27.5
45/47	11	21.5	28.5
57.5/60	23	33.5	40.5

U型

选型表 Specifications table

C_N μF	(I_{max}) A	dV/dt V/ μs	\hat{i} A	ESR $m\Omega$ 100kHz	L_s nH 1MHz	L mm	B mm	H mm	Weight g	Part No.
$U_{NDC}=700V_{dc}$ $U_N=420V_{ac}$										
1	16	907	907	5.0	24	42.5	17	28	28	60700D001D0uJN2**79
1.2	18	907	1088	4.2	24	42.5	19	32	36	60700D001D2uJN2**79
1.5	22	907	1360	3.3	24	42.5	19	32	35	60700D001D5uJN2**79
1.8	24	907	1632	2.8	24	42.5	22	33.5	43	60700D01D80uJN2**79
2.2	29	907	1995	2.3	24	42.5	22	37	47	60700D02D20uJN2**79
3.3	27	907	2992	1.5	24	42.5	28	43	69	60700D03D30uJN2**79
4.7	26	507	2381	2.3	27	57.5	28	45	94	60700D004D7uJN2**79
5.6	16	507	2837	1.9	27	57.5	30	45	99	60700D005D6uJN2**79
6.8	38	507	3445	1.6	27	57.5	35	50	129	60700D006D8uJN2**79
8.2	28	507	4154	1.3	27	57.5	42.5	56	177	60700D008D2uJN2**79
10	34	507	5066	1.1	27	57.5	42.5	56	170	60700D00010uJN2**79
$U_{NDC}=850V_{dc}$ $U_N=450V_{ac}$										
0.82	15	1007	826	5.5	24	42.5	17	28	28	60850D00D82uJN2**79
1	16	1007	1007	4.5	24	42.5	19	32	36	60850D001D0uJN2**79
1.2	20	1007	1209	3.7	24	42.5	19	32	35	60850D001D2uJN2**79
1.5	22	1007	1511	3.0	24	42.5	22	33.5	42	60850D001D5uJN2**79
1.8	26	1007	1813	2.5	24	42.5	22	37	47	60850D01D80uJN2**79
2.2	20	1007	2216	2.0	24	42.5	28	37	59	60850D02D20uJN2**79
3.3	30	1007	3324	1.4	24	42.5	33	45	84	60850D03D30uJN2**79
4.7	29	563	2645	2.8	27	57.5	30	45	98	60850D004D7uJN2**79
5.6	35	563	3152	2.4	27	57.5	35	50	129	60850D005D6uJN2**79
6.8	26	563	3827	2.1	27	57.5	42.5	56	177	60850D006D8uJN2**79
8.2	31	563	4615	1.9	27	57.5	42.5	56	172	60850D008D2uJN2**79
$U_{NDC}=1000V_{dc}$ $U_N=500V_{ac}$										
0.68	15	1209	822	6.2	24	42.5	17	28	28	61000D00D68uJN2**79
0.82	16	1209	991	5.3	24	42.5	19	32	35	61000D00D82uJN2**79
1	18	1209	1209	4.4	24	42.5	22	33.5	43	61000D001D0uJN2**79
1.2	21	1209	1451	3.8	24	42.5	22	37	47	61000D001D2uJN2**79
1.5	16	1209	1813	3.2	24	42.5	28	37	59	61000D001D5uJN2**79
1.8	20	1209	2176	2.8	24	42.5	30	45	77	61000D01D80uJN2**79
2.2	24	1209	2659	2.4	24	42.5	33	45	84	61000D02D20uJN2**79
3.3	25	675	2229	3.1	27	57.5	30	45	98	61000D03D30uJN2**79
4.7	35	675	3174	2.4	27	57.5	35	50	125	61000D004D7uJN2**79
5.6	25	675	3782	2.1	27	57.5	42.5	56	173	61000D005D6uJN2**79
$U_{NDC}=1200V_{dc}$ $U_N=600V_{ac}$										
0.47	12	1410	663	7.5	24	42.5	17	28	27	61200D00D47uJN2**79
0.47	13	1556	731	7.1	24	47	18	30	34	61200D00D47uJN2**79
0.68	16	1410	959	5.4	24	42.5	19	32	35	61200D00D68uJN2**79
0.82	17	1410	1156	4.6	24	42.5	22	33.5	42	61200D00D82uJN2**79
1	21	1410	1410	3.9	24	42.5	22	37	46	61200D001D0uJN2**79
1.2	15	1410	1692	3.4	24	42.5	28	37	58	61200D001D2uJN2**79
1.5	19	1410	2115	2.8	24	42.5	30	45	76	61200D001D5uJN2**79
1.5	21	1556	2334	2.7	24	45	31	45	81	61200D001D5uJN2**79
1.8	23	1410	2538	2.5	24	42.5	33	45	83	61200D01D80uJN2**79
2.2	19	788	1734	3.8	27	57.5	28	45	92	61200D02D20uJN2**79
2.5	25	901	2251	3.1	27	57.5	35	50	126	61200D002D5uJN2**79
3.3	29	788	2600	2.8	27	57.5	35	50	126	61200D03D30uJN2**79
4.7	25	788	3704	2.2	27	57.5	42.5	56	167	61200D004D7uJN2**79
$U_{NDC}=1500V_{dc}$ $U_N=650V_{ac}$										
0.33	11	1813	598	8.3	24	42.5	17	28	27	61500D00D33uJN2**79
0.47	14	1813	852	6.0	24	42.5	19	32	34	61500D00D47uJN2**79
0.47	17	2418	1136	4.7	24	45	34	36	73	61500D00D47uJN2**79
0.5	16	1945	973	5.5	24	47	22	34	46	61500D00D50uJN2**79
0.68	18	1813	1233	4.4	24	42.5	22	37	46	61500D00D68uJN2**79
0.68	22	2216	1507	6.7	24	45	34	36	80	61500D00D68uJN2**79
0.82	14	1813	1487	3.7	24	42.5	28	37	57	61500D00D82uJN2**79
1	16	1813	1813	3.2	24	42.5	30	45	76	61500D001D0uJN2**79
1	29	2015	2015	2.9	24	45	31	45	82	61500D001D0uJN2**79

CBBLN26型IGBT吸收电容/CBBLN26 series



U _{NDC} =1500V _{dc} U _N =650V _{ac}										
1.2	20	1813	2176	2.8	24	42.5	33	45	82	61500D001D2uJN2**79
1.5	17	1013	1520	4.3	27	57.5	28	45	91	61500D001D5uJN2**79
1.8	20	1013	1824	3.7	27	57.5	35	50	129	61500D01D80uJN2**79
2.2	25	1013	2229	3.1	27	57.5	35	50	124	61500D02D20uJN2**79
3	20	1013	3039	2.5	27	57.5	42.5	56	166	61500D03D00uJN2**79
U _{NDC} =1700V _{dc} U _N =675V _{ac}										
0.22	8	2015	443	10.9	24	42.5	17	28	28	61700D00D22uJN2**79
0.33	11	2015	665	7.5	24	42.5	19	32	35	61700D00D33uJN2**79
0.47	14	2015	947	5.5	24	42.5	22	33.5	42	61700D00D47uJN2**79
0.47	15	2216	1042	5.1	24	42.5	28	37	58	61700D00D47uJN2**79
0.68	12	2015	1370	4.0	24	42.5	28	37	57	61700D00D68uJN2**79
0.68	19	1945	1323	7.8	24	45	34	36	79	61700D00D68uJN2**79
0.82	15	2015	1652	3.4	24	42.5	30	45	76	61700D00D82uJN2**79
1	18	2015	2015	2.9	24	42.5	33	45	82	61700D001D0uJN2**79
1	14	1238	1238	5.1	24	60	30	45	103	61700D001D0uJN2**79
1.2	15	1126	1351	4.7	27	57.5	28	45	91	61700D001D2uJN2**79
1.5	19	1126	1689	3.9	27	57.5	35	45	111	61700D001D5uJN2**79
1.8	23	1126	2026	3.4	27	57.5	35	50	124	61700D01D80uJN2**79
2.2	17	1126	2477	2.9	27	57.5	42.5	56	170	61700D02D20uJN2**79
2.7	20	1126	3039	4.3	27	57.5	50	53	216	61700D002D7uJN2**79
3	34	1013	3039	2.5	24	57.5	42.5	56	166	61700D03D00uJN2**79
U _{NDC} =2000V _{dc} U _N =750V _{ac}										
0.18	8	2418	435	11.1	24	42.5	17	28	28	62000D00D18uJN2**79
0.22	9	2418	532	9.2	24	42.5	19	32	35	62000D00D22uJN2**79
0.33	12	2418	798	6.4	24	42.5	22	33.5	42	62000D00D33uJN2**79
0.47	10	2418	1136	4.7	24	42.5	28	37	57	62000D00D47uJN2**79
0.68	15	2418	1644	3.5	24	42.5	30	45	75	62000D00D68uJN2**79
0.82	12	1351	1108	5.6	27	57.5	28	45	92	62000D00D82uJN2**79
1	15	1351	1351	4.7	27	57.5	35	45	112	62000D001D0uJN2**79
1.2	18	1351	1621	4.0	27	57.5	35	50	124	62000D001D2uJN2**79
1.5	23	1351	2026	3.4	27	57	38	54	143	62000D001D5uJN2**79
1.8	16	1351	2432	2.9	27	57.5	42.5	56	166	62000D01D80uJN2**79
2.2	20	1351	2972	4.4	27	57.5	50	53	216	62000D02D20uJN2**79
U _{NDC} =2400V _{dc} U _N =850V _{ac}										
0.12	15	2497	300	5.2	25	47	18	30	34	62400D00D12uJN2**79
0.15	15	2497	375	4.3	25	47	22	34	48	62400D00D15uJN2**79
0.18	19	2611	470	3.5	25	47	22	34	46	62400D00D18uJN2**79
0.22	14	2611	574	5.2	27	47	28	34	63	62400D00D22uJN2**79
0.33	22	2611	862	2.2	27	45	31	45	82	62400D00D33uJN2**79
0.47	19	821	386	3.4	27	57.5	28	45	92	62400D00D47uJN2**79
0.68	28	821	558	2.5	27	57.5	35	50	126	62400D00D68uJN2**79
0.82	20	821	673	2.2	27	57	38	54	146	62400D00D82uJN2**79
1	25	821	821	2.0	27	57.5	42.5	56	167	62400D001D0uJN2**79
1.2	30	821	985	2.8	27	57.5	50	53	213	62400D001D2uJN2**79
U _{NDC} =3000V _{dc} U _N =1000V _{ac}										
0.1	13	3211	321	4.9	25	47	22	34	47	63000D00D10uJN2**79
0.12	15	3211	385	4.2	25	47	22	34	46	63000D00D12uJN2**79
0.15	12	3211	482	6.3	27	47	28	34	65	63000D00D15uJN2**79
0.18	15	3357	604	5.0	27	47	34	36	82	63000D00D18uJN2**79
0.22	18	3357	738	2.5	25	45	31	45	81	63000D00D22uJN2**79
0.33	17	1055	348	3.7	27	57.5	28	45	90	63000D00D33uJN2**79
0.47	25	1055	496	4.9	30	57.5	35	50	144	63000D00D47uJN2**79
0.68	22	1055	717	2.1	27	57.5	42.5	56	164	63000D00D68uJN2**79
0.82	23	938	769	2.0	27	57.5	42.5	56	165	63000D00D82uJN2**79
U _{NDC} =4000V _{dc} U _N =1400V _{ac}										
0.1	11	4281	428	7.0	28	47	28	34	66	64000D00D10uJN2**79
0.12	13	4281	514	3.3	25	45	31	45	82	64000D00D12uJN2**79
0.15	13	1407	211	5.6	27	57.5	26	38	70	64000D00D15uJN2**79
0.18	13	1407	253	4.8	27	57.5	28	45	91	64000D00D18uJN2**79
0.22	15	1407	309	4.0	27	57.5	30	45	95	64000D00D22uJN2**79
0.33	14	1407	464	2.9	27	57	38	54	142	64000D00D33uJN2**79
0.39	16	1407	549	2.6	27	57.5	42.5	56	164	64000D00D39uJN2**79
0.47	20	1407	661	3.8	27	57.5	50	53	216	64000D00D47uJN2**79

注：1、以上参数仅作参考，以实际规格书为准；

1、The above parameters for reference only, see the specification for details.