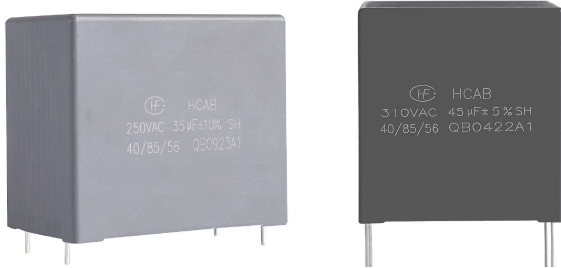


HCAB

AC filter capacitor for PCB



Features

- Excellent self-healing and electrical performance
- Metallized polypropylene film structure
- Filled with resin

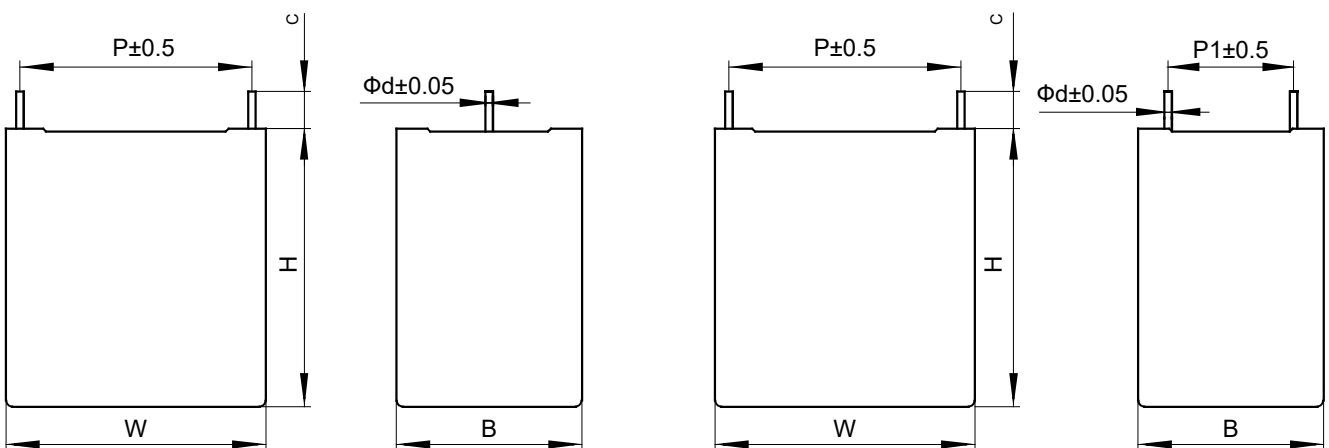
Typical Applications

- Suitable for AC output filtering circuits, such as LCL filtering in UPS and solar photovoltaic DC/AC inverters

Safety Approvals

	TUV	EN 61071:2017	0.33µF-60µF,±5%,±10%,250Va.c.-600Va.c. 40/85/56,40/105/56 File No.: R 50516396
	UL/CUL	UL810 CSA C22.2 NO.190	0.22µF-60µF,max 660Va.c. max 105°C File No.: E222132,CCN:CZDS2/8

Outline Drawing



2pins

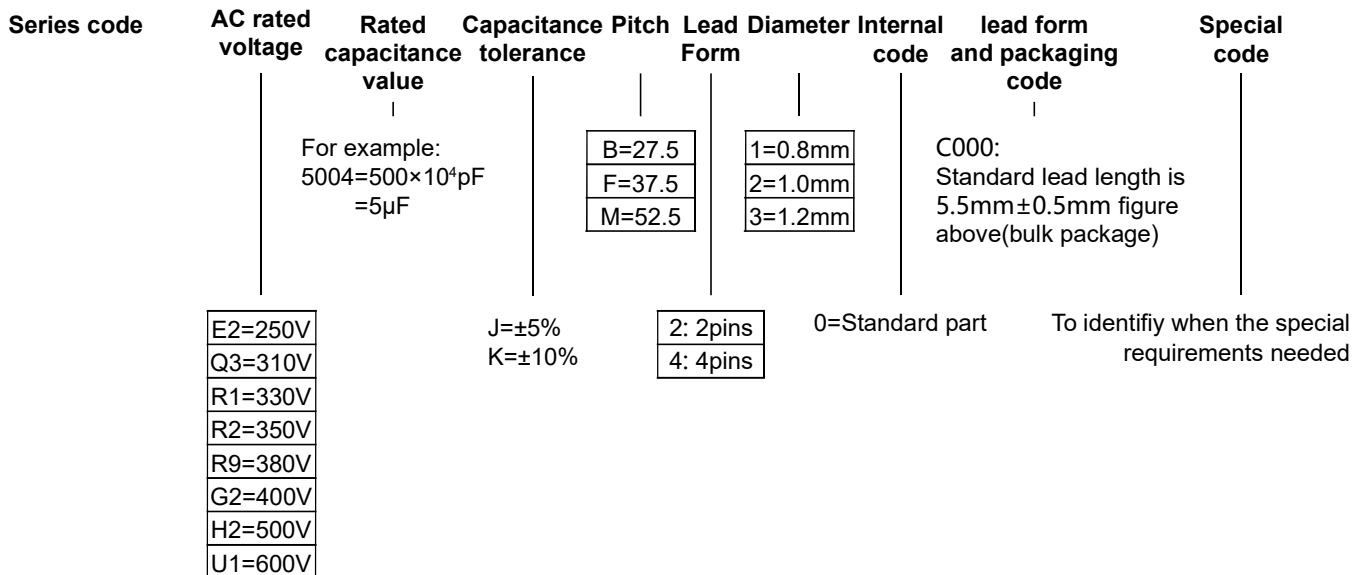
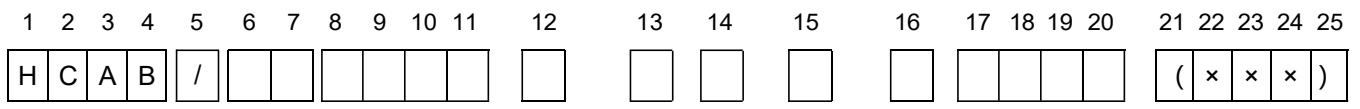
4pins

Note: The dimensions of the product are in mm units.
Outline dimensions can be found in the Product Dimensions Table.

Specifications

Reference Standard	GB/T 17702 (IEC 61071)
Rated RMS Voltage @85°C	250Va.c.~600Va.c.
Capacitance Range	0.33μF~60μF
Climatic Category	40/85/56,40/105/56
Operating temperature	-40°C~105°C(85°C~105°C: decreasing factor 1.5% per 1°C for U _N)
Capacitance Tolerance	±5%(J),±10%(K)
Voltage Proof	2.15U _{rms} or 1.5U _N (10s, 20°C±5°C)
Insulation resistance (IR×C _N)	≥3000s (20°C,100Vd.c.,60s)
Self inductance (L _s)	<1nH per mm of lead space
tanδ _d	0.0002
Maximum peak current \hat{I} (A)	$\hat{I}=C \cdot dv/dt$
Peak Non-Repetitive Current	1.4 \hat{I} (1000 times is permitted during the life of the capacitor)
Expected lifetime	100000h@U _{rms,85°C} ,θ _{hs} =85°C
	8000h@U _{N,105°C} ,θ _{hs} =105°C
Failure rate	≤300FIT@U _{rms,85°C} ,θ _{hs} =85°C

Ordering Information



Outline Dimensions

U _N =350V U _{rms} =250V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Î (A)	Ordering Information
1	32	18	9	27.5	-	0.8	26.5	40	4.2	40	HCAB/E21004*B210C000
1.5	32	20	11	27.5	-	0.8	18.5	40	5.3	60	HCAB/E21504*B210C000
2	32	22	13	27.5	-	0.8	14.6	40	6.3	80	HCAB/E22004*B210C000
2.5	32	25	13	27.5	-	0.8	12.5	40	7.1	100	HCAB/E22504*B210C000
3	32	28	14	27.5	-	0.8	11.1	40	7.8	120	HCAB/E23004*B210C000
3.5	32	28	14	27.5	-	0.8	9.9	40	8.2	140	HCAB/E23504*B210C000
4	32	30	16	27.5	-	0.8	9.2	40	9.4	160	HCAB/E24004*B210C000
4.5	32	33	18	27.5	-	0.8	8.8	40	9.8	180	HCAB/E24504*B210C000
5	32	33	18	27.5	-	0.8	8.3	40	10.2	200	HCAB/E25004*B210C000
5.5	32	33	18	27.5	-	1	6.9	40	11.0	220	HCAB/E25504*B220C000
6	32	37	22	27.5	-	1.2	6.2	40	13.3	240	HCAB/E26004*B230C000
6.5	32	37	22	27.5	-	1.2	5.8	40	13.7	260	HCAB/E26504*B230C000
7	32	37	22	27.5	-	1.2	5.6	40	14.0	280	HCAB/E27004*B230C000
7.5	32	37	22	27.5	-	1.2	5.4	40	14.3	300	HCAB/E27504*B230C000
8	42	33	18	37.5	-	1.2	8.1	30	11.8	240	HCAB/E28004*F230C000
8.5	42	40	20	37.5	-	1.2	8.0	30	12.5	255	HCAB/E28504*F230C000
8.5	42	40	20	37.5	10.2	1	6.5	30	13.7	255	HCAB/E28504*F420C000
9	42	40	20	37.5	-	1.2	7.7	30	12.7	270	HCAB/E29004*F230C000
9	42	40	20	37.5	10.2	1	6.2	30	14.0	270	HCAB/E29004*F420C000
10	42	40	20	37.5	-	1.2	7.2	30	13.2	300	HCAB/E21005*F230C000
10	42	40	20	37.5	10.2	1	5.6	30	14.6	300	HCAB/E21005*F420C000
11	42	44	24	37.5	-	1.2	6.9	30	14.7	330	HCAB/E21105*F230C000
11	42	44	24	37.5	10.2	1	5.2	30	16.6	330	HCAB/E21105*F420C000
12	42	44	24	37.5	10.2	1.2	4.7	30	17.4	360	HCAB/E21205*F430C000
12	42	44	24	37.5	10.2	1	4.9	30	17.2	360	HCAB/E21205*F420C000
13	42	44	24	37.5	10.2	1	4.5	30	17.7	390	HCAB/E21305*F420C000
14	42	44	24	37.5	10.2	1.2	4.1	30	18.5	420	HCAB/E21405*F430C000
14	42	37	28	37.5	10.2	1.2	4.0	30	18.0	420	HCAB/E21405*F430C000
15	42	44	24	37.5	10.2	1.2	3.9	30	19.0	450	HCAB/E21505*F430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θ_{amb}=55°C,ΔT ≤30°C.

Outline Dimensions

UN=350V Urms=250V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
16	42	45	30	37.5	10.2	1.2	3.7	30	20.1	480	HCAB/E21605*F430C000
18	42	45	30	37.5	10.2	1.2	3.3	30	21.0	540	HCAB/E21805*F430C000
20	42	45	30	37.5	10.2	1.2	3.1	30	21.8	600	HCAB/E22005*F430C000
22	42	50	35	37.5	20.3	1.2	2.9	30	25.4	660	HCAB/E22205*F430C000
25	42	50	35	37.5	20.3	1.2	2.6	30	26.4	750	HCAB/E22505*F430C000
28	42	55	40	37.5	20.3	1.2	2.5	30	30.1	840	HCAB/E22805*F430C000
30	42	55	40	37.5	20.3	1.2	2.4	30	30.7	900	HCAB/E23005*F430C000
32	42	55	40	37.5	20.3	1.2	2.3	30	31.2	960	HCAB/E23205*F430C000
35	42	60	45	37.5	20.3	1.2	2.2	30	31.6	1050	HCAB/E23505*F430C000
40	42	60	45	37.5	20.3	1.2	2.0	30	32.6	1200	HCAB/E24005*F430C000
24	57.5	45	25	52.5	10.2	1.2	4.9	18	18.3	432	HCAB/E22405*M430C000
25	57.5	45	30	52.5	20.3	1.2	4.7	18	20.3	450	HCAB/E22505*M430C000
28	57.5	45	30	52.5	20.3	1.2	4.3	18	21.2	504	HCAB/E22805*M430C000
30	57.5	50	35	52.5	20.3	1.2	4.1	18	24.0	540	HCAB/E23005*M430C000
35	57.5	50	35	52.5	20.3	1.2	3.6	18	25.2	630	HCAB/E23505*M430C000
40	57.5	55	45	52.5	20.3	1.2	3.3	18	29.7	720	HCAB/E24005*M430C000
45	57.5	55	45	52.5	20.3	1.2	3.0	18	30.8	810	HCAB/E24505*M430C000
50	57.5	55	45	52.5	20.3	1.2	2.8	18	31.6	900	HCAB/E25005*M430C000
55	57.5	55	45	52.5	20.3	1.2	2.6	18	32.4	990	HCAB/E25505*M430C000
60	57.5	65	45	52.5	20.3	1.2	2.5	18	35.3	1080	HCAB/E26005*M430C000
UN=435V Urms=310V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
0.68	32	18	9	27.5	-	0.8	31.8	45	3.7	30	HCAB/Q36803*B210C000
1	32	20	11	27.5	-	0.8	22.5	45	4.7	45	HCAB/Q31004*B210C000
1.5	32	22	13	27.5	-	0.8	16.0	45	5.9	67	HCAB/Q31504*B210C000
2	32	25	13	27.5	-	0.8	12.9	45	6.8	90	HCAB/Q32004*B210C000
2.3	32	28	14	27.5	-	0.8	11.8	45	7.3	103	HCAB/Q32304*B210C000
2.5	32	30	16	27.5	-	0.8	11.2	45	8.2	112	HCAB/Q32504*B210C000
3	32	33	18	27.5	-	0.8	10.1	45	8.9	135	HCAB/Q33004*B210C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θamb=55°C,ΔT ≤30°C.

Outline Dimensions

U _N =435V U _{rms} =310V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	İ (A)	Ordering Information
3.5	32	33	18	27.5	-	0.8	9.2	45	9.3	157	HCAB/Q33504*B210C000
4	32	37	22	27.5	-	1.2	7.2	45	11.9	180	HCAB/Q34004*B230C000
4.5	32	37	22	27.5	-	1.2	6.6	45	12.4	202	HCAB/Q34504*B230C000
5	32	37	22	27.5	-	1.2	6.2	45	12.9	225	HCAB/Q35004*B230C000
5.5	42	33	18	37.5	-	1.2	9.4	34	10.7	187	HCAB/Q35504*F230C000
6	42	40	20	37.5	-	1.2	9.1	34	11.5	204	HCAB/Q36004*F230C000
6	42	40	20	37.5	10.2	1	7.5	34	12.4	204	HCAB/Q36004*F420C000
7	42	40	20	37.5	-	1.2	8.1	34	12.1	238	HCAB/Q37004*F230C000
7	42	40	20	37.5	10.2	1	6.5	34	13.3	238	HCAB/Q37004*F420C000
8	42	44	24	37.5	-	1.2	7.5	34	13.8	272	HCAB/Q38004*F230C000
8	42	44	24	37.5	10.2	1	5.9	34	15.3	272	HCAB/Q38004*F420C000
9	42	44	24	37.5	-	1.2	7.0	34	14.3	306	HCAB/Q39004*F230C000
9	42	44	24	37.5	10.2	1	5.3	34	16.0	306	HCAB/Q39004*F420C000
10	42	44	24	37.5	-	1.2	6.5	34	14.7	340	HCAB/Q31005*F230C000
10	42	44	24	37.5	10.2	1	4.9	34	16.7	340	HCAB/Q31005*F420C000
10	42	37	28	37.5	10.2	1	4.8	34	16.2	340	HCAB/Q31005*F420C000
12	42	45	30	37.5	20.3	1.2	4.0	34	18.8	408	HCAB/Q31205*F430C000
15	42	50	35	37.5	20.3	1.2	3.4	34	22.9	510	HCAB/Q31505*F430C000
18	42	50	35	37.5	20.3	1.2	2.9	34	24.4	612	HCAB/Q31805*F430C000
20	42	55	40	37.5	20.3	1.2	2.8	34	27.8	680	HCAB/Q32005*F430C000
22	42	55	40	37.5	20.3	1.2	2.6	34	28.6	748	HCAB/Q32205*F430C000
25	42	60	45	37.5	20.3	1.2	2.4	34	29.3	850	HCAB/Q32505*F430C000
28	42	60	45	37.5	20.3	1.2	2.2	34	30.1	952	HCAB/Q32805*F430C000
20	57.5	45	30	52.5	20.3	1.2	4.9	24	19.4	480	HCAB/Q32005*M430C000
25	57.5	50	35	52.5	20.3	1.2	4.1	24	23.2	600	HCAB/Q32505*M430C000
30	57.5	55	45	52.5	20.3	1.2	3.6	24	28.0	720	HCAB/Q33005*M430C000
35	57.5	55	45	52.5	20.3	1.2	3.2	24	29.2	840	HCAB/Q33505*M430C000
40	57.5	65	45	52.5	20.3	1.2	3.0	24	32.3	960	HCAB/Q34005*M430C000
45	57.5	65	45	52.5	20.3	1.2	2.7	24	33.2	1080	HCAB/Q34505*M430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θ_{amb}=55°C,ΔT ≤30°C.

Outline Dimensions

U _N =490V U _{rms} =350V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Î (A)	Ordering Information
0.47	32	18	9	27.5	-	0.8	16.9	125	4.1	58	HCAB/R24703*B210C000
0.68	32	20	11	27.5	-	0.8	12.5	125	5.0	85	HCAB/R26803*B210C000
1	32	25	13	27.5	-	0.8	9.7	125	6.4	125	HCAB/R21004*B210C000
1.5	32	28	14	27.5	-	0.8	7.6	125	7.7	187	HCAB/R21504*B210C000
2	32	33	18	27.5	-	1	5.9	125	9.8	250	HCAB/R22004*B220C000
2.2	32	33	18	27.5	-	1	5.6	125	10.1	275	HCAB/R22204*B220C000
2.5	32	37	22	27.5	-	1.2	4.9	125	12.4	312	HCAB/R22504*B230C000
3	32	37	22	27.5	-	1.2	4.4	125	13.2	375	HCAB/R23004*B230C000
3	32	37	22	27.5	10.2	1	3.0	125	14.6	375	HCAB/R23004*B420C000
3	42	33	18	37.5	10.2	1	5.6	80	12.0	240	HCAB/R23004*F420C000
3.5	42	33	18	37.5	10.2	1	4.9	80	12.8	280	HCAB/R23504*F420C000
4	42	40	20	37.5	-	1.2	6.0	80	12.9	320	HCAB/R24004*F230C000
4	42	40	20	37.5	10.2	1	4.5	80	14.2	320	HCAB/R24004*F420C000
4.5	42	40	20	37.5	10.2	1	4.0	80	14.9	360	HCAB/R24504*F420C000
4.5	42	40	20	37.5	-	1.2	5.6	80	13.4	360	HCAB/R24504*F230C000
5	42	40	20	37.5	-	1.2	5.3	80	13.9	400	HCAB/R25004*F230C000
5	42	40	20	37.5	10.2	1	3.7	80	15.6	400	HCAB/R25004*F420C000
5.5	42	44	24	37.5	10.2	1	3.5	80	17.7	440	HCAB/R25504*F420C000
6	42	44	24	37.5	10.2	1	3.3	80	18.3	480	HCAB/R26004*F420C000
6.5	42	44	24	37.5	10.2	1	3.1	80	18.8	520	HCAB/R26504*F420C000
6.5	42	37	28	37.5	10.2	1	3.0	80	18.4	520	HCAB/R26504*F420C000
7	42	45	30	37.5	20.3	1.2	2.8	80	20.4	560	HCAB/R27004*F430C000
8	42	45	30	37.5	20.3	1.2	2.5	80	21.4	640	HCAB/R28004*F430C000
9	42	45	30	37.5	20.3	1.2	2.3	80	22.3	720	HCAB/R29004*F430C000
10	42	46	35	37.5	20.3	1.2	2.1	80	23.1	800	HCAB/R21005*F430C000
12	42	50	35	37.5	20.3	1.2	1.9	80	27.6	960	HCAB/R21205*F430C000
15	42	55	40	37.5	20.3	1.2	1.7	80	32.4	1200	HCAB/R21505*F430C000
18	42	60	45	37.5	20.3	1.2	1.6	80	33.5	1440	HCAB/R21805*F430C000
12	57.5	45	30	52.5	20.3	1.2	3.2	55	22.8	660	HCAB/R21205*M430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θ_{amb}=55°C,ΔT ≤30°C.

Outline Dimensions

U _N =490V U _{rms} =350V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
15	57.5	50	35	52.5	20.3	1.2	2.8	55	27.1	825	HCAB/R21505*M430C000
18	57.5	50	35	52.5	20.3	1.2	2.4	55	28.7	990	HCAB/R21805*M430C000
20	57.5	55	45	52.5	20.3	1.2	2.3	55	33.4	1100	HCAB/R22005*M430C000
25	57.5	55	45	52.5	20.3	1.2	2.0	55	35.4	1375	HCAB/R22505*M430C000
30	57.5	65	45	52.5	20.3	1.2	1.9	55	39.1	1650	HCAB/R23005*M430C000
U _N =560V U _{rms} =400V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
0.33	32	18	9	27.5	-	0.8	20.5	145	3.5	47	HCAB/G23303*B210C000
0.5	32	20	11	27.5	-	0.8	14.5	145	4.5	72	HCAB/G25003*B210C000
0.68	32	22	13	27.5	-	1	10.7	145	5.5	98	HCAB/G26803*B220C000
1	32	28	14	27.5	-	1	8.2	145	6.8	145	HCAB/G21004*B220C000
1.5	32	33	18	27.5	-	1.2	6.0	145	9.1	217	HCAB/G21504*B230C000
2	32	37	22	27.5	-	1.2	5.1	145	11.5	290	HCAB/G22004*B230C000
2.2	32	37	22	27.5	-	1.2	3.4	145	13.0	319	HCAB/G22204*B230C000
2.5	32	37	22	27.5	-	1.2	3.1	145	13.7	362	HCAB/G22504*B230C000
2.5	42	33	18	37.5	10.2	1	5.9	90	11.4	225	HCAB/G22504*F420C000
3	42	40	20	37.5	10.2	1	5.1	90	12.9	270	HCAB/G23004*F420C000
3.3	42	40	20	37.5	10.2	1	4.7	90	13.5	297	HCAB/G23304*F420C000
3.5	42	40	20	37.5	10.2	1	4.5	90	13.8	315	HCAB/G23504*F420C000
4	42	44	24	37.5	10.2	1.2	3.9	90	16.1	360	HCAB/G24004*F430C000
4.5	42	44	24	37.5	10.2	1.2	3.5	90	16.9	405	HCAB/G24504*F430C000
5	42	44	24	37.5	10.2	1.2	3.2	90	17.6	450	HCAB/G25004*F430C000
5	42	37	28	37.5	10.2	1.2	3.2	90	17.2	450	HCAB/G25004*F430C000
5.5	42	45	30	37.5	20.3	1.2	3.0	90	19.0	495	HCAB/G25504*F430C000
6	42	45	30	37.5	20.3	1.2	2.8	90	19.6	540	HCAB/G26004*F430C000
6.5	42	45	30	37.5	20.3	1.2	2.6	90	20.2	585	HCAB/G26504*F430C000
7	42	45	30	37.5	20.3	1.2	2.5	90	20.7	630	HCAB/G27004*F430C000
8	42	46	35	37.5	20.3	1.2	2.3	90	21.7	720	HCAB/G28004*F430C000
9	42	50	35	37.5	20.3	1.2	2.1	90	25.4	810	HCAB/G29004*F430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θamb=55°C,ΔT ≤30°C.

Outline Dimensions

UN=560V U _{rms} =400V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
10	42	55	40	37.5	20.3	1.2	2.0	90	29.0	900	HCAB/G21005*F430C000
12	42	60	45	37.5	20.3	1.2	1.9	90	30.3	1080	HCAB/G21205*F430C000
14	42	60	45	37.5	20.3	1.2	1.7	90	31.5	1260	HCAB/G21405*F430C000
10	57.5	45	30	52.5	20.3	1.2	3.4	60	21.8	600	HCAB/G21005*M430C000
12	57.5	50	35	52.5	20.3	1.2	3.0	60	25.7	720	HCAB/G21205*M430C000
14	57.5	50	35	52.5	20.3	1.2	2.6	60	26.9	840	HCAB/G21405*M430C000
15	57.5	55	45	52.5	20.3	1.2	2.6	60	31.1	900	HCAB/G21505*M430C000
18	57.5	55	45	52.5	20.3	1.2	2.3	60	32.8	1080	HCAB/G21805*M430C000
20	57.5	55	45	52.5	20.3	1.2	2.1	60	33.7	1200	HCAB/G22005*M430C000
UN=700V U _{rms} =500V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
0.33	32	20	11	27.5	-	0.8	15.6	180	3.8	59	HCAB/H23303*B210C000
0.5	32	25	13	27.5	-	0.8	11.5	180	5.0	90	HCAB/H25003*B210C000
1	32	33	18	27.5	-	1	6.9	180	7.8	180	HCAB/H21004*B220C000
1.5	32	37	22	27.5	-	1.2	5.0	180	10.7	270	HCAB/H21504*B230C000
1.5	42	33	18	37.5	-	1.2	8.5	110	9.2	165	HCAB/H21504*F230C000
2	42	40	20	37.5	10.2	1.2	5.5	110	11.5	220	HCAB/H22004*F430C000
2.2	42	40	20	37.5	10.2	1.2	5.0	110	12.0	242	HCAB/H22204*F430C000
2.5	42	44	24	37.5	10.2	1.2	4.5	110	13.9	275	HCAB/H22504*F430C000
3	42	44	24	37.5	10.2	1.2	3.9	110	15.0	330	HCAB/H23004*F430C000
3	42	37	28	37.5	10.2	1.2	3.8	110	14.6	330	HCAB/H23004*F430C000
3.5	42	45	30	37.5	20.3	1.2	3.4	110	16.5	385	HCAB/H23504*F430C000
4	42	45	30	37.5	20.3	1.2	3.1	110	17.4	440	HCAB/H24004*F430C000
4.5	42	46	35	37.5	20.3	1.2	2.8	110	18.2	495	HCAB/H24504*F430C000
5	42	46	35	37.5	20.3	1.2	2.6	110	18.9	550	HCAB/H25004*F430C000
5.5	42	50	35	37.5	20.3	1.2	2.5	110	22.1	605	HCAB/H25504*F430C000
6	42	55	40	37.5	20.3	1.2	2.4	110	25.1	660	HCAB/H26004*F430C000
6.5	42	55	40	37.5	20.3	1.2	2.2	110	25.8	715	HCAB/H26504*F430C000
7	42	55	40	37.5	20.3	1.2	2.1	110	26.5	770	HCAB/H27004*F430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θ_{amb}=55°C,ΔT ≤30°C.

Outline Dimensions

UN=700V Urms=500V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
8	42	60	45	37.5	20.3	1.2	2.0	110	27.4	880	HCAB/H28004*F430C000
9	42	60	45	37.5	20.3	1.2	1.9	110	28.3	990	HCAB/H29004*F430C000
6	57.5	45	30	52.5	20.3	1.2	4.1	75	19.0	450	HCAB/H26004*M430C000
7	57.5	50	35	52.5	20.3	1.2	3.7	75	22.2	525	HCAB/H27004*M430C000
8	57.5	50	35	52.5	20.3	1.2	3.3	75	23.3	600	HCAB/H28004*M430C000
9	57.5	55	45	52.5	20.3	1.2	3.1	75	27.4	675	HCAB/H29004*M430C000
10	57.5	55	45	52.5	20.3	1.2	2.8	75	28.4	750	HCAB/H21005*M430C000
12	57.5	55	45	52.5	20.3	1.2	2.5	75	30.0	900	HCAB/H21205*M430C000
UN=840V Urms=600V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
0.33	32	22	13	27.5	-	1	12.9	215	4.2	70	HCAB/U13303*B220C000
0.5	32	33	18	27.5	-	1	9.8	215	5.9	107	HCAB/U15003*B220C000
0.68	32	33	18	27.5	-	1	7.8	215	6.7	146	HCAB/U16803*B220C000
1	32	37	22	27.5	-	1.2	5.8	215	9.2	215	HCAB/U11004*B230C000
1.2	42	33	18	37.5	-	1.2	8.8	145	8.6	174	HCAB/U11204*F230C000
1.5	42	40	20	37.5	-	1.2	7.7	145	9.8	217	HCAB/U11504*F230C000
1.5	42	40	20	37.5	10.2	1	6.2	145	10.4	217	HCAB/U11504*F420C000
2	42	44	24	37.5	10.2	1	4.9	145	12.8	290	HCAB/U12004*F420C000
2.2	42	44	24	37.5	10.2	1	4.5	145	13.3	319	HCAB/U12204*F420C000
2.2	42	37	28	37.5	10.2	1	4.4	145	13.0	319	HCAB/U12204*F420C000
2.5	42	45	30	37.5	20.3	1.2	3.9	145	14.7	362	HCAB/U12504*F430C000
3	42	45	30	37.5	20.3	1.2	3.3	145	15.8	435	HCAB/U13004*F430C000
3.5	42	46	35	37.5	20.3	1.2	3.0	145	16.7	507	HCAB/U13504*F430C000
4	42	50	35	37.5	20.3	1.2	2.7	145	19.9	580	HCAB/U14004*F430C000
5	42	55	40	37.5	20.3	1.2	2.4	145	23.8	725	HCAB/U15004*F430C000
6	42	60	45	37.5	20.3	1.2	2.1	145	25.1	870	HCAB/U16004*F430C000
4.5	57.5	45	30	52.5	20.3	1.2	4.5	95	17.5	427	HCAB/U14504*M430C000
5	57.5	50	35	52.5	20.3	1.2	4.2	95	20.1	475	HCAB/U15004*M430C000
5.5	57.5	50	35	52.5	20.3	1.2	3.9	95	20.8	522	HCAB/U15504*M430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θamb=55°C,ΔT ≤30°C.

Outline Dimensions

U _N =840V U _{rms} =600V											
C _N (μF)	W±1 (mm)	H±1 (mm)	B±1 (mm)	P (mm)	P1 (mm)	d±0.05 (mm)	ESR @10kHz	dv/dt (V/μs)	I _{max} (A)	Ĥ (A)	Ordering Information
6	57.5	55	45	52.5	20.3	1.2	3.7	95	24.3	570	HCAB/U16004*M430C000
7	57.5	55	45	52.5	20.3	1.2	3.2	95	25.7	665	HCAB/U17004*M430C000
8	57.5	55	45	52.5	20.3	1.2	2.9	95	26.8	760	HCAB/U18004*M430C000
9	57.5	65	45	52.5	20.3	1.2	2.8	95	29.7	855	HCAB/U19004*M430C000
10	57.5	65	45	52.5	20.3	12	2.6	95	30.6	950	HCAB/U11005*M430C000

Note: (1) "-"=capacitance tolerance code, J=±5%,K=±10%;
 (2) "I_{max}" is the max. current effective value@f=10kHz Θ_{amb}=55°C,ΔT ≤30°C.