MAB

• MKP • box with radial or cable terminals • AC-Motor run applications
• MABA01 and MABA02 EN60252-1 IMQ approved
• all types UL810 construction only approved, execution upon request

Main applications
Motor run capacitor, general purpose AC applications, medium-low power switching capacitor for industrial and motor speed controls, electronic ballasts and SMPS

Dielectric
Polypropylene

Electrodes
Vacuum deposited metal layers

Coating
Solvent resistant plastic case (UL 94 V-1 minimum) with resin sealing (UL 94 V-0). Flame retardant execution.
In conformity with:
- glow wire tests in accordance with IEC 60335-1
- ball pressure test in accordance with IEC 60695-10-2
Please refer to the article tables for the official approval tests references

Construction
Extended metallized film (refer to General Technical Information)

Terminals
Tinned copper wire (lead-free), insulated tinned copper (lead- free) or stranded insulated tinned copper (lead-free) wire leads. Insulated leads available for box size ≥ 10×18,5×26,5 mm. Cable leads execution not suitable for high Irms switching use

Terminals code
S for 5±1mm length tinned copper leads , L for 30±5mm length tinned copper leads, C for tinned copper insulated wire, M for stranded insulated tinned copper lead

Reference standard
IEC 60068, **EN 60252-1 (2011)+ A1 (2013)**, SEV1029, CSA 22.2 n.190 and UL810 (construction only), IEC 60335-1, RoHS compliant

Approvals
Please refer to the article tables. Construction only UL810 (file E192977) and CSA22.2 N.190 approved, execution available upon request

Climatic category
40/100/56 (IEC 60068/1), GPD (DIN40040)
25/085/56 (IEC 60068/1), HPF (DIN40040) for approvals reference
Please refer also to paragraph C10 (humid ambient) of the General Technical Information

Operating temperature range (case)
-40...+100°C
-25...+85°C for approvals reference

Nominal Capacitance (Cn) µF
0,1µF to 40µF. Refer to article table

Capacitance tolerance (at 1kHz)
±10% (code=K), ±5% (code=J), ±2.5% (code= H) and ±20% (code=M). Other tolerances upon request

Capacitance temperature coefficient
Refer to General Technical Information

Long term stability (at 1kHz)
Capacitance variation ≤ ±1% after a period of 2 years at standard environmental conditions

Rated voltage (Ur)
160 ÷ 600Vac 50÷60Hz (370 ÷ 1200Vdc). Please refer to the article table

Category voltage (Uc)
Uc= 0,8 x Ur at +100°C (for +85°C < T ≤ +100°C, Ur must be decreased 1,5% for every °C exceeding +85°C); **Uc=Ur at +85°C for approvals reference**

Self inductance
≤1nH/mm of capacitor pitch and leads length used for connection

Maximum pulse rise time V/µs
The pulse characteristic Ko depends on the voltage waveform.In any case the value given in the article table must not be overcome

Dissipation factor (DF), max.
tgδ x10^{-4}, measured at 25 ±5°C, 1 kHz

Cn ≤ 2.2 µF	2.2 µF < Cn ≤ 10 µF	10 µF < Cn ≤ 20 µF	Cn > 20 µF
6	10	12	15

Insulation resistance (R_{INS})
Measured between terminals, at 25±°C, after 1 minute of electrification at 100Vdc:
R_{INS} ≥ 10000s for Cn <1 µF (typical value 30000s)
R_{INS} ≥ 3000s for Cn ≥ 1µF (typical value 10000s)

Test voltage between terminals (Ut)
1,6xUr(AC) applied for 1 minute at 25±5°C
2,0xUr(AC) applied for 1 minute at 25±5°C for EN60252-1 2011 approved ratings

Test voltage between terminals and case (Utc)
3kV 50÷60Hz applied for 60s at 25 ±5°C

Protection class
S0

Life expectancy class
In accordance with EN60252-1:
Class A: 30000 h;Class B: 10000 h;Class C: 3000 h;Class D: 1000 h
Please refer to the article table for each series ratings and life expectancy class

Damp heat test (steady state)
Test conditions:
Temperature = +40 ±2°C
Relative humidity =93 ±2%
Test duration = 56 days
Performance:
Capacitance change ≤ ±2%
DF change ≤ 0.0010 at 1kHz for Cr < 15µF
DF change ≤ 0.0015 at 1kHz for Cr ≥ 15µF
IR ≥ 50% of initial limit value

Endurance test; reference: EN60252-1 (2011)
Test conditions:
Applied voltage and temperature: 1,25 x Ur AC at +85°C
Test duration:
200h for class D: 1000 hours expected life, continuous operation
600h for class C: 3000 hours expected life, continuous operation
2000h for class B: 10000 hours expected life, continuous operation
6000h for class A: 30000 hours expected life, continuous operation
Performance:
Capacitance change ≤ ±3%; 1 piece > ±3% on 21 tested for EN60252-1 (2011) approved ratings

Resistance to soldering heat test
Test conditions:
Solder bath temperature= +260 ±5°C
Dipping time (with heat screen)= 10 ±1s
Performance:
Capacitance change ≤ ±1%
DF change ≤ 0.0010 at 1kHz
R_{INS} ≥ 50% of initial limit value

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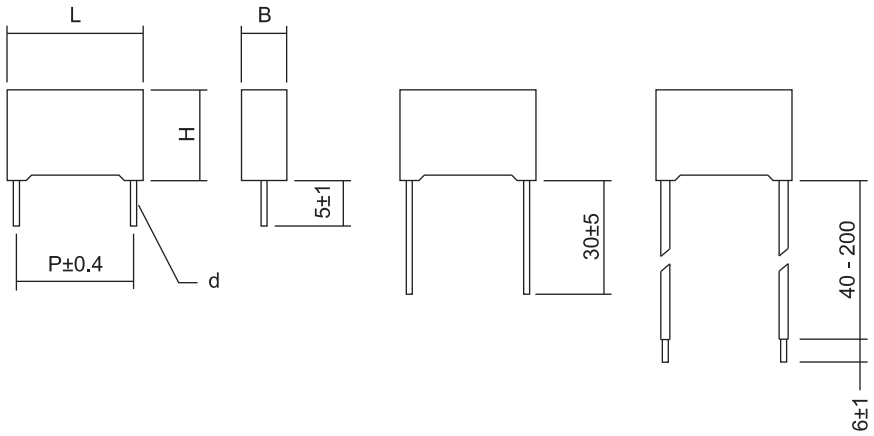

Note: standard cables length up to 80mm; longer leads available upon request; special tinned copper wire terminals length available upon request

MABA05 article table

500V 50÷60Hz, +85°C,continuous service, class B (10000 h)
600V 50÷60Hz, +85°C,continuous service, class C (3000 h)
1200Vdc; Upk= 1500Vdc
Construction only UL810 (file E192977) and CSA22.2 N.190 approved execution available upon request

Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
0,1	7	16	26,5	0,8	22,5	175	296000	MABA053100*G#
0,12	8,5	17	26,5	0,8	22,5	175	296000	MABA053120*G#
0,15	8,5	17	26,5	0,8	22,5	175	296000	MABA053150*G#
0,18	10	18,5	26,5	0,8	22,5	175	296000	MABA053180*G#
0,22	11	20	26,5	0,8	22,5	175	296000	MABA053220*G#
0,22	11	20	32	0,8	27,5	145	245000	MABA053220*H#
0,27	13	22	26,5	0,8	22,5	175	296000	MABA053270*G#
0,27	11	20	32	0,8	27,5	145	245000	MABA053270*H#
0,33	13	22	32	0,8	27,5	145	245000	MABA053330*H#
0,39	13	22	32	0,8	27,5	145	245000	MABA053390*H#
0,47	14	28	32	0,8	27,5	145	245000	MABA053470*H#
0,56	14	28	32	0,8	27,5	145	245000	MABA053560*H#
0,68	14	28	32	0,8	27,5	145	245000	MABA053680*H#
0,75	18	33	32	0,8	27,5	145	245000	MABA053750*H#
0,82	18	33	32	0,8	27,5	145	245000	MABA053820*H#
1	17	28	42,5	1	37,5	90	152000	MABA054100*J#
1,2	22	30	42,5	1	37,5	90	152000	MABA054120*J#
1,5	22	30	42,5	1	37,5	90	152000	MABA054150*J#
1,8	28	37	42,5	1	37,5	90	152000	MABA054180*J#
2	28	37	42,5	1	37,5	90	152000	MABA054200*J#
2,2	28	37	42,5	1	37,5	90	152000	MABA054220*J#
2,5	28	37	42,5	1	37,5	90	152000	MABA054250*J#
2,7	30	45	42,5	1	37,5	90	152000	MABA054270*J#
3	30	45	42,5	1	37,5	90	152000	MABA054300*J#
3,3	30	45	42,5	1	37,5	90	152000	MABA054330*J#
3,5	30	45	42,5	1	37,5	90	152000	MABA054350*J#
4	35	50	42	1,2	37,5	90	152000	MABA054400*J#
4,3	35	50	42	1,2	37,5	90	152000	MABA054430*J#

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20%
and the # symbol with the needed leads execution (S, L, M or C)

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MABA01 article table

400V 50÷60Hz, +85°C,continuous service. Approved IMQ EN60252-1 (2011)+ A1 (2013) class A (30000 h), SEV1029
432V 50÷60Hz, +85°C,continuous service. Approved IMQ EN60252-1 (2011)+ A1 (2013) class B (10000 h), SEV1029
500V 50÷60Hz, +85°C,continuous service, class C (3000 h)
800Vdc; Upk= 1050Vdc
Construction only UL810 (file E192977) and CSA22.2 N.190 approved execution available upon request
Glow wire tests conformity to IEC 60335-1, approved IMQ

EN60252-1 1029

Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
0,1	7	16	26,5	0,8	22,5	120	146000	MABA013100*G#
0,12	7	16	26,5	0,8	22,5	120	146000	MABA013120*G#
0,15	8,5	17	26,5	0,8	22,5	120	146000	MABA013150*G#
0,18	10	18,5	26,5	0,8	22,5	120	146000	MABA013180*G#
0,22	10	18,5	26,5	0,8	22,5	120	146000	MABA013220*G#
0,27	10	18,5	26,5	0,8	22,5	120	146000	MABA013270*G#
0,33	10	18,5	26,5	0,8	22,5	120	146000	MABA013330*G#
0,33	11	20	32	0,8	27,5	100	122000	MABA013330*H#
0,39	10	18,5	26,5	0,8	22,5	120	146000	MABA013390*G#
0,39	11	20	32	0,8	27,5	100	122000	MABA013390*H#
0,47	11	20	26,5	0,8	22,5	120	146000	MABA013470*G#
0,47	11	20	32	0,8	27,5	100	122000	MABA013470*H#
0,56	13	22	26,5	0,8	22,5	120	146000	MABA013560*G#
0,56	11	20	32	0,8	27,5	100	122000	MABA013560*H#
0,62	13	22	26,5	0,8	22,5	120	146000	MABA013620*G#
0,62	11	20	32	0,8	27,5	100	122000	MABA013620*H#
0,62 [2]	15	26	39,5	0,8	35	70	85300	MABA013620*I#
0,68	13	22	26,5	0,8	22,5	120	146000	MABA013680*G#
0,68	11	20	32	0,8	27,5	100	122000	MABA013680*H#
0,68 [2]	15	26	39,5	0,8	35	70	85300	MABA013680*I#
0,75	13	22	32	0,8	27,5	100	122000	MABA013750*H#
0,75 [2]	15	26	39,5	0,8	35	70	85300	MABA013750*I#
0,82	13	22	32	0,8	27,5	100	122000	MABA013820*H#
0,82 [2]	15	26	39,5	0,8	35	70	85300	MABA013820*I#
1	15	24,5	32	0,8	27,5	100	122000	MABA014100*H#
1 [2]	15	26	39,5	0,8	35	70	85300	MABA014100*I#
1,2	15	24,5	32	0,8	27,5	100	122000	MABA014120*H#
1,2 [2]	15	26	39,5	0,8	35	70	85300	MABA014120*I#
1,5	18	33	32	0,8	27,5	100	122000	MABA014150*H#
1,5 [2]	15	26	39,5	0,8	35	70	85300	MABA014150*I#
1,8	18	33	32	0,8	27,5	70	85300	MABA014180*H#
1,8	17	28	42,5	1	37,5	65	79000	MABA014180*J#
2	18	33	32	0,8	27,5	65	85300	MABA014200*H#
2	17	28	42,5	1	37,5	65	79000	MABA014200*J#
2,2	18	33	32	0,8	27,5	65	85300	MABA014220*H#
2,2	17	28	42,5	1	37,5	65	79000	MABA014220*J#
2,5	17	28	42,5	1	37,5	65	79000	MABA014250*J#
2,7	22	30	42,5	1	37,5	65	79000	MABA014270*J#
3	22	30	42,5	1	37,5	65	79000	MABA014300*J#
3,3	22	30	42,5	1	37,5	65	79000	MABA014330*J#
3,5	22	33,5	42,5	1	37,5	65	79000	MABA014350*J#
4	22	33,5	42,5	1	37,5	65	79000	MABA014400*J#
4,5	22	33,5	42,5	1	37,5	65	79000	MABA014450*J#
4,7	28	37	42,5	1	37,5	65	79000	MABA014470*J#
5	28	37	42,5	1	37,5	65	79000	MABA014500*J#
5,5	28	37	42,5	1	37,5	65	79000	MABA014550*J#

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20% and the # symbol with the needed leads execution (S, L, M or C) - [2] also available with size 14x24,5x38,3mm

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Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
6	28	37	42,5	1	37,5	65	79000	MABA014600*J#
6,3	28	37	42,5	1	37,5	65	79000	MABA014630*J#
7	30	45	42,5	1	37,5	65	79000	MABA014700*J#
8	30	45	42,5	1	37,5	65	79000	MABA014800*J#
8,5	30	45	42,5	1	37,5	65	79000	MABA014850*J#
10	35	50	42	1,2	37,5	65	79000	MABA014850*J#A

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20% and the # symbol with the needed leads execution (S, L, M or C) - [2] also available with size 14x24,5x38,3mm

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MABA02 article table

320V 50÷60Hz, +85°C,continuous service. Approved IMQ EN60252-1 (2011)+ A1 (2013) class A (30000 h), SEV1029
400V 50÷60Hz, +85°C,continuous service. Approved IMQ EN60252-1 (2011)+ A1 (2013) class B (10000 h), SEV1029
430V 50÷60Hz, +85°C,continuous service, class C (3000 h)
600Vdc; Upk= 750Vdc
Construction only UL810 (file E192977) and CSA22.2 N.190 approved execution available upon request
Glow wire tests conformity to IEC 60335-1, approved IMQ

EN60252-1 1029

Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
0,33	7	16	26,5	0,8	22,5	90	81200	MABA023330*G#
0,39	7	16	26,5	0,8	22,5	90	81200	MABA023390*G#
0,47	8,5	17	26,5	0,8	22,5	90	81200	MABA023470*G#
0,5	8,5	17	26,5	0,8	22,5	90	81200	MABA023500*G#
0,56	8,5	17	26,5	0,8	22,5	90	81200	MABA023560*G#
0,62	10	18,5	26,5	0,8	22,5	90	81200	MABA023620*G#
0,68	10	18,5	26,5	0,8	22,5	90	81200	MABA023680*G#
0,68	11	20	32	0,8	27,5	70	63200	MABA023680*H#
0,75	10	18,5	26,5	0,8	22,5	90	81200	MABA023750*G#
0,75	11	20	32	0,8	27,5	70	63200	MABA023750*H#
0,82	11	20	26,5	0,8	22,5	90	81200	MABA023820*G#
0,82	11	20	32	0,8	27,5	70	63200	MABA023820*H#
1	13	22	26,5	0,8	22,5	90	81200	MABA024100*G#
1	11	20	32	0,8	27,5	70	63200	MABA024100*H#
1,2	13	22	26,5	0,8	22,5	90	81200	MABA024120*G#
1,2	11	20	32	0,8	27,5	70	63200	MABA024120*H#
1,5	13	22	32	0,8	27,5	70	63200	MABA024150*H#
1,5 [2]	15	26	39,5	0,8	35	50	45100	MABA024150*I#
1,8	15	24,5	32	0,8	27,5	70	63200	MABA024180*H#B
1,8	14	28	32	0,8	27,5	70	63200	MABA024180*H#
2	15	24,5	32	0,8	27,5	70	63200	MABA024200*H#B
2	14	28	32	0,8	27,5	70	63200	MABA024200*H#
2 [2]	15	26	39,5	0,8	35	50	45100	MABA024200*I#
2,2	15	24,5	32	0,8	27,5	70	63200	MABA024220*H#B
2,2	14	28	32	0,8	27,5	70	63200	MABA024220*H#
2,2 [2]	15	26	39,5	0,8	35	50	45100	MABA024220*I#
2,5	14	28	32	0,8	27,5	70	63200	MABA024250*H#
2,5 [2]	15	26	39,5	0,8	35	50	45100	MABA024250*I#
2,7	14	28	32	0,8	27,5	70	63200	MABA024270*H#
2,7 [2]	15	26	39,5	0,8	35	50	45100	MABA024270*I#
3	18	33	32	0,8	27,5	70	63200	MABA024300*H#
3 [2]	15	26	39,5	0,8	35	50	45100	MABA024300*I#
3	17	28	42,5	1	37,5	50	45100	MABA024300*J#
3,3	18	33	32	0,8	27,5	70	63200	MABA024330*H#
3,3 [2]	15	26	39,5	0,8	35	50	45100	MABA024330*I#
3,3	17	28	42,5	1	37,5	50	45100	MABA024330*J#
3,5	18	33	32	0,8	27,5	70	63200	MABA024350*H#
3,5	17	28	42,5	1	37,5	50	45100	MABA024350*J#
4	18	33	32	0,8	27,5	70	63200	MABA024400*H#
4	17	28	42,5	1	37,5	50	45100	MABA024400*J#
4,5	22	37	32	0,8	27,5	70	63200	MABA024450*H#
4,5	22	30	42,5	1	37,5	50	45100	MABA024450*J#
4,7	22	37	32	0,8	27,5	70	63200	MABA024470*H#
4,7	22	30	42,5	1	37,5	50	45100	MABA024470*J#
5	22	37	32	0,8	27,5	70	63200	MABA024500*H#
5	22	30	42,5	1	37,5	50	45100	MABA024500*J#

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20% and the # symbol with the needed leads execution (S, L, M or C) - [2] also available with size 14x24,5x38,3mm

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Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
5,5	22	37	32	0,8	27,5	70	63200	MABA024550*H#
5,5	22	30	42,5	1	37,5	50	45100	MABA024550*J#
6	22	37	32	0,8	27,5	70	63200	MABA024600*H#
6	22	30	42,5	1	37,5	50	45100	MABA024600*J#
6,3	22	30	42,5	1	37,5	50	45100	MABA024630*J#
6,8	22	33,5	42,5	1	37,5	50	45100	MABA024680*J#
7	22	33,5	42,5	1	37,5	50	45100	MABA024700*J#
8	22	33,5	42,5	1	37,5	50	45100	MABA024800*J#
8,5	28	37	42,5	1	37,5	50	45100	MABA024850*J#
10	28	37	42,5	1	37,5	50	45100	MABA025100*J#
11	30	45	42,5	1	37,5	50	45100	MABA025110*J#
12	30	45	42,5	1	37,5	50	45100	MABA025120*J#
13	30	45	42,5	1	37,5	50	45100	MABA025130*J#
14	30	45	42,5	1	37,5	50	45100	MABA025140*J#
15	30	45	42,5	1	37,5	50	45100	MABA025150*J#
18	35	50	42	1,2	37,5	50	45100	MABA025150*J#A

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20%
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MABA03 article table

250V 50÷60Hz, +85°C,continuous service, class A (30000 h)
275V 50÷60Hz, +85°C,continuous service, class B (10000 h)
320V 50÷60Hz, +85°C,continuous service, class C (3000 h)
500Vdc; Upk= 625Vdc
Construction only UL810 (file E192977) and CSA22.2 N.190 approved execution available upon request

Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	$V^2/\mu s$	-
0,68	7	16	26,5	0,8	22,5	60	42300	MABA033680*G#
0,75	8,5	17	26,5	0,8	22,5	60	42300	MABA033750*G#
0,82	8,5	17	26,5	0,8	22,5	60	42300	MABA033820*G#
1	10	18,5	26,5	0,8	22,5	60	42300	MABA034100*G#
1,2	11	20	26,5	0,8	22,5	60	42300	MABA034120*G#
1,2	9	17	32	0,8	27,5	50	35300	MABA034120*H#
1,5	13	22	26,5	0,8	22,5	60	42300	MABA034150*G#
1,5	11	20	32	0,8	27,5	50	35300	MABA034150*H#
1,8	13	22	32	0,8	27,5	50	35300	MABA034180*H#
2	13	22	32	0,8	27,5	50	35300	MABA034200*H#
2,2	13	22	32	0,8	27,5	50	35300	MABA034220*H#
2,5	13	22	32	0,8	27,5	50	35300	MABA034250*H#
2,7	13	22	32	0,8	27,5	50	35300	MABA034270*H#
3	15	24,5	32	0,8	27,5	50	35300	MABA034300*H#
3,15	15	24,5	32	0,8	27,5	50	35300	MABA034315*H#
3,15 [2]	15	26	39,5	0,8	35	40	28200	MABA034315*I#
3,3	15	24,5	32	0,8	27,5	50	35300	MABA034330*H#
3,3 [2]	15	26	39,5	0,8	35	40	28200	MABA034330*I#
3,5	15	24,5	32	0,8	27,5	50	35300	MABA034350*H#
3,5 [2]	15	26	39,5	0,8	35	40	28200	MABA034350*I#
4	18	33	32	0,8	27,5	50	35300	MABA034400*H#
4 [2]	15	26	39,5	0,8	35	40	28200	MABA034400*I#
4,5	18	33	32	0,8	27,5	50	35300	MABA034450*H#
4,5	17	28	42,5	1	37,5	35	24700	MABA034450*J#
4,7	18	33	32	0,8	27,5	50	35300	MABA034470*H#
4,7	17	28	42,5	1	37,5	35	24700	MABA034470*J#
5	18	33	32	0,8	27,5	50	35300	MABA034500*H#
5	17	28	42,5	1	37,5	35	24700	MABA034500*J#
6	17	28	42,5	1	37,5	35	24700	MABA034600*J#
6,5	17	28	42,5	1	37,5	35	24700	MABA034650*J#
8	22	30	42,5	1	37,5	35	24700	MABA034800*J#
10	22	30	42,5	1	37,5	35	24700	MABA035100*J#
12	28	37	42,5	1	37,5	35	24700	MABA035120*J#
15	28	37	42,5	1	37,5	35	24700	MABA035150*J#
18	30	45	42,5	1	37,5	35	24700	MABA035180*J#
20	30	45	42,5	1	37,5	35	24700	MABA035200*J#
22	30	45	42,5	1	37,5	35	24700	MABA035220*J#
27	35	50	42	1,2	37,5	35	24700	MABA035270*J#

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20% and the # symbol with the needed leads execution (S, L, M or C) - [2] also available with size 14x24,5x38,3mm

MAB

• MKP • box with radial or cable terminals • AC-Motor run applications
• MABA01 and MABA02 EN60252-1 IMQ approved
• all types UL810 construction only approved, execution upon request

MABA04 article table

160V 50÷60Hz, +85°C,continuous service, class A (30000 h)
200V 50÷60Hz, +85°C,continuous service, class C (3000 h)
370Vdc; Upk= 470Vdc
Construction only UL810 (file E192977) and CSA22.2 N.190 approved execution available upon request

Cn	Dimensions (mm)					du/dt	K_0	ICEL CODE[1]
µF	B	H	L	d	P	V/µs	V^2/µs	-
1	7	16	26,5	0,8	22,5	50	22500	MABA044100*G#
1,2	8,5	17	26,5	0,8	22,5	50	22500	MABA044120*G#
1,5	8,5	17	26,5	0,8	22,5	50	22500	MABA044150*G#
1,8	10	18,5	26,5	0,8	22,5	50	22500	MABA044180*G#
1,8	9	17	32	0,8	27,5	40	18000	MABA044180*H#
2	11	20	26,5	0,8	22,5	50	22500	MABA044200*G#
2	9	17	32	0,8	27,5	40	18000	MABA044200*H#
2,2	11	20	26,5	0,8	22,5	50	22500	MABA044220*G#
2,2	11	20	32	0,8	27,5	40	18000	MABA044220*H#
2,5	13	22	26,5	0,8	22,5	50	22500	MABA044250*G#
2,5	11	20	32	0,8	27,5	40	18000	MABA044250*H#
2,7	13	22	26,5	0,8	22,5	50	22500	MABA044270*G#
2,7	11	20	32	0,8	27,5	40	18000	MABA044270*H#
3	13	22	32	0,8	27,5	40	18000	MABA044300*H#
3,3	13	22	32	0,8	27,5	40	18000	MABA044330*H#
3,5	13	22	32	0,8	27,5	40	18000	MABA044350*H#
4	13	22	32	0,8	27,5	40	18000	MABA044400*H#
4,5	15	24,5	32	0,8	27,5	40	18000	MABA044450*H#
4,7	14	28	32	0,8	27,5	40	18000	MABA044470*H#
5	14	28	32	0,8	27,5	40	18000	MABA044500*H#
6	18	33	32	0,8	27,5	40	18000	MABA044600*H#
6 [2]	15	26	39,5	0,8	35	30	13500	MABA044600*I#
6,8	18	33	32	0,8	27,5	40	18000	MABA044680*H#
6,8 [2]	15	26	39,5	0,8	35	30	13500	MABA044680*I#
6,8	17	28	42,5	0,8	37,5	25	11300	MABA044680*J#
7	18	33	32	0,8	27,5	40	18000	MABA044700*H#
7 [2]	15	26	39,5	0,8	35	30	13500	MABA044700*I#
7	17	28	42,5	0,8	37,5	25	11300	MABA044700*J#
8	18	33	32	0,8	27,5	40	18000	MABA044800*H#
8	17	28	42,5	1	37,5	25	11300	MABA044800*J#
10	17	28	42,5	1	37,5	25	11300	MABA045100*J#
12	22	30	42,5	1	37,5	25	11300	MABA045120*J#
15	22	30	42,5	1	37,5	25	11300	MABA045150*J#
18	28	37	42,5	1	37,5	25	11300	MABA045180*J#
20	28	37	42,5	1	37,5	25	11300	MABA045200*J#
22	28	37	42,5	1	37,5	25	11300	MABA045220*J#
25	28	37	42,5	1	37,5	25	11300	MABA045250*J#
27	30	45	42,5	1	37,5	25	11300	MABA045270*J#
30	30	45	42,5	1	37,5	25	11300	MABA045300*J#
33	30	45	42,5	1	37,5	25	11300	MABA045330*J#
40	35	50	42	1,2	37,5	25	11300	MABA045400*J#

[1] Change the * symbol with the needed capacitance tolerance code: H=±2.5%, J=±5%, K=±10%, M=±20%
and the # symbol with the needed leads execution (S, L, M or C) - [2] also available with size 14x24,5x38,3mm

Warning: this specification must be completed with the data given in the "General technical information" chapter