



# PMC - RMC *NEW - In Progress*

- MKP • box with lug terminals (RMC: small size)
- High current • High frequency • switching / resonant applications



## Main applications

Switching capacitor for resonant circuits, industrial and motor speed controls, induction heaters, high frequency and high current applications

## Dielectric

Polypropylene

## Electrodes

Vacuum deposited metal layers

## Coating

Solvent resistant plastic case with resin sealing (UL 94 V-0). Flame retardant execution

## Construction

Extended metallized film (refer to general technical information)

## Terminals

Tinned copper (brass) lugs (lead-free) for screw fixing (please refer to article table)

## Degree of protection

IP00

## Installation

Whatever position assuring correct heat dissipation. Arrangement of many components with box walls in contact not admitted; suggested minimum distance between side by side elements  $\geq 1/8$  of the box thickness (B size). Box with lugs terminals must be free to correctly dissipate from all the body faces

## Reference standard

IEC 61071, IEC 60068, RoHS compliant

## Climatic category

40/85/56 (IEC 60068/1), GPD (DIN40040)

## Operating temperature range (case)

PMC:  $-40^{\circ}\dots+85^{\circ}\text{C}$  (+100 $^{\circ}\text{C}$  observing voltage and current de-rating)  
RMC:  $-40^{\circ}\dots+85^{\circ}\text{C}$

## Max. permissible ambient temperature

PMC:  $+70^{\circ}\text{C}$ , operation at rated power, current, voltage and natural cooling (+85 $^{\circ}\text{C}$  observing voltage and current de-rating)  
RMC:  $+70^{\circ}\text{C}$ , operation at rated power, current, voltage and natural cooling

## Nominal Capacitance (Cn) $\mu\text{F}$

PMC: 1,2 $\mu\text{F}$  to 75 $\mu\text{F}$ . Refer to article table  
RMC: 2,2 $\mu\text{F}$  to 100 $\mu\text{F}$ . Refer to article table

## Capacitance tolerance (at 1kHz)

$\pm 10\%$  (code=K),  $\pm 5\%$  (code=J). Other tolerances upon request

## Capacitance temperature coefficient

Refer to General Technical Information

## Long term stability (at 1kHz)

Capacitance variation  $\leq \pm 1\%$  after a period of 2 years at standard environmental conditions

## Rated voltage (Ur) (Vdc) at 85°C

PMC: 250, 330, 400, 600, 700 Vdc  
RMC: 250, 330, 435, 570, 675 Vdc

## Temperature de-rated voltage

PMC: For operating temperature (case) $>+85^{\circ}\text{C}$ , Ur must be decreased 1,5% for every  $^{\circ}\text{C}$  exceeding +85 $^{\circ}\text{C}$ , Urms must be decreased 2,5% for every  $^{\circ}\text{C}$  exceeding +85 $^{\circ}\text{C}$   
RMC: not applicable

## Non recurrent surge voltage (Upk) at 85°C

PMC: 400, 500, 600, 800, 1000 Vdc  
RMC: 335, 440, 580, 760, 900 Vdc

## Self inductance

$\leq 1\text{ nH/mm}$  of fixing pitch

## Maximum pulse rise time V/ $\mu\text{s}$

Refer to article table

## Maximum peak current (Ipeak)

Refer to article table. Max. non repetitive Ipk = 1,5 x Ipeak

## Dissipation factor (DF), max.

$\text{tg}\delta \times 10^{-4}$ , measured at  $25 \pm 5^{\circ}\text{C}$ , 1 kHz

PMC:

$C_n \leq 5 \mu\text{F}$	$5 \mu\text{F} < C_n \leq 25 \mu\text{F}$	$25 \mu\text{F} < C_n \leq 60 \mu\text{F}$	$C_n > 60 \mu\text{F}$
5	8	10	12

RMC:

$C_n \leq 5 \mu\text{F}$	$5 \mu\text{F} < C_n \leq 25 \mu\text{F}$	$25 \mu\text{F} < C_n \leq 60 \mu\text{F}$	$C_n > 60 \mu\text{F}$
6	10	12	15

## Insulation resistance ( $R_{\text{INS}}$ )

$\geq 30000\text{s}$  but need not exceed 30G $\Omega$  (typical value), when measured between terminals, at  $25 \pm 5^{\circ}\text{C}$ , after 1 minute of electrification at 100Vdc

## Test voltage between terminals (Ut)

1,6xUr (DC) applied for 10s / 2xUr (DC) applied for 2s, at  $25 \pm 5^{\circ}\text{C}$

## Test voltage between terminals and case (Utc)

3kV 50÷60Hz applied for 60s at  $25 \pm 5^{\circ}\text{C}$

## Damp heat test (steady state)

### Test conditions:

Temperature =  $+40 \pm 2^{\circ}\text{C}$   
Relative humidity =  $93 \pm 2\%$   
Test duration = 56 days

### Performance:

Capacitance change  $\leq \pm 2\%$   
DF change  $\leq 0.0010$  at 1kHz  
 $R_{\text{INS}} \geq 50\%$  of initial limit value

## Typical capacitance change versus operating time

-5% after 30000 hours at Urms or after 100000 hours at Ur

## Life expectancy

$\geq 100000$  hours (Ur); 30000 hours (Urms)

## Failure quota

300/10<sup>9</sup> component hours



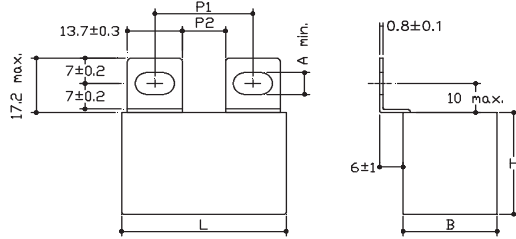
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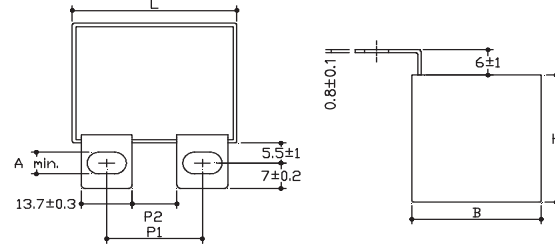


Dimensions in mm (drawings not in scale)

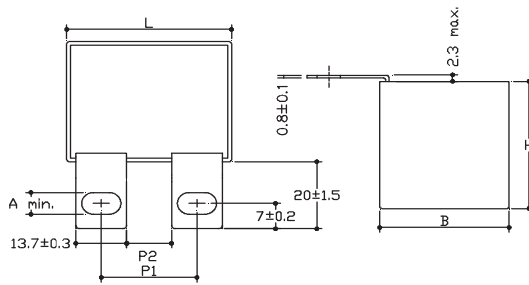
Style **SP-SPM8 / SR-SRM8**



Style **VP-VPM8 / VR-VRM8**



Style **FP-FPM8 / FR-FRM8**



Fixing pitch and distance between lugs (mm)

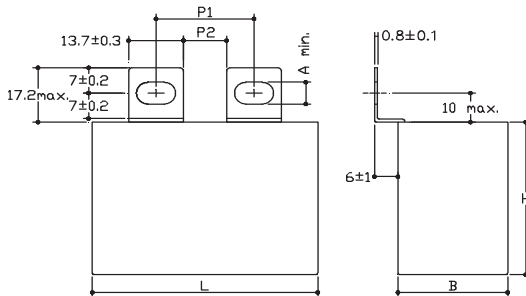
Lugs style	L	P1	P2
SP-SPM8	42÷42,5	23÷28(M6)	25÷26(M8)
VP-VPM8	57,5	37÷42(M6)	39÷40(M8)
FP-FPM8	42÷42,5	20÷25(M6)	22÷23(M8)
SR-SRM8	57,5	34÷39(M6)	36÷37(M8)
VR-VRM8	42÷42,5	23÷28(M6)	25÷26(M8)
FR-FRM8	57,5	37÷42(M6)	39÷40(M8)

Fixing slot size (mm)\*\*

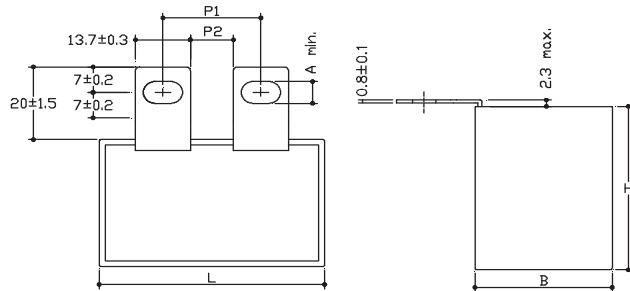
SP, VP, FP, SR, VR, FR	A= 6min.
SPM8, VPM8, FPM8, SRM8, VRM8, FRM8	A= 8min.

\*\* Standard fixing slots for M6 screws, slots for M8 screws available upon request

Style **SN-SNM8** (for L=57,5mm only)



Style **VN-VNM8** (for L=57,5mm only)



Fixing pitch and distance between lugs (mm)

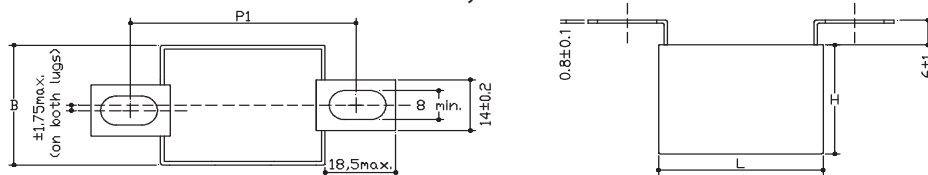
Lugs style	L	P1	P2
SN-SNM8	42÷42,5	Not available	
VN-VNM8	57,5	23÷28 (M6)	25÷26 (M8)

Fixing slot size (mm)\*\*

SN, VN	A= 6min.
SNM8, VNM8	A= 8min.

\*\* Standard fixing slots for M6 screws, slots for M8 screws available upon request

Style **AP**



Fixing pitch and distance between lugs (mm)

Lugs style	L	P1	P2
AP	42÷42,5	53,5÷63 (M8)	-
	57,5	68,5÷77 (M8)	-



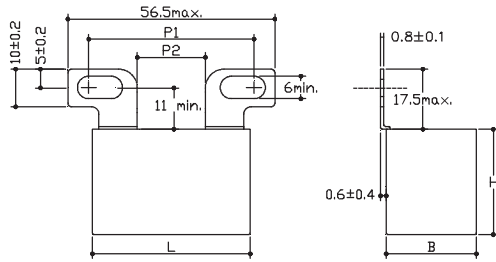
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Dimensions in mm (drawings not in scale)

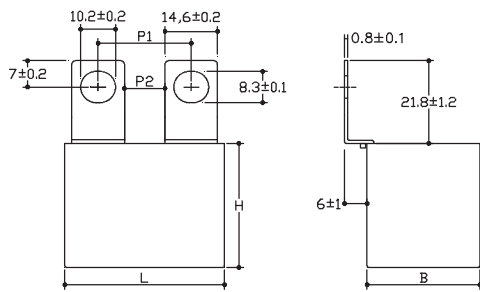
Style **BP** (Not available for L=57,5mm)



### Fixing pitch and distance between lugs (mm)

Lugs style	L	P1	P2
BP	42÷42,5	32÷45 (M6)	17min.
	57,5	Not available	

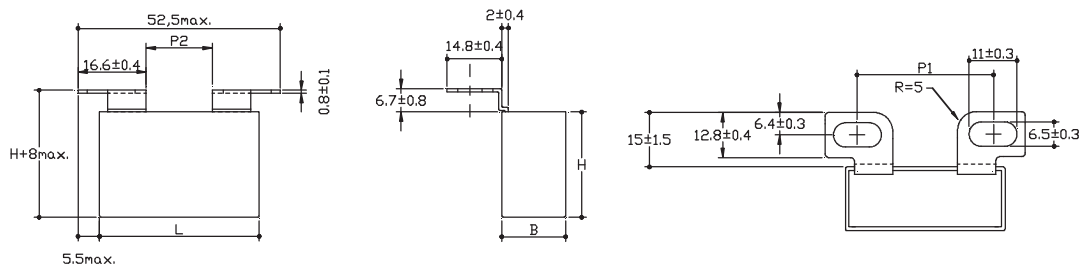
Style **SL** (M8 slots only)



### Fixing pitch and distance between lugs (mm)

Lugs style	L	P1	P2
SL	42÷42,5	22÷24 (M8)	8min.
	57,5	36÷38 (M8)	21min.

Style **BN** (M6 slots only; not available for L=57,5mm and for L=42÷42,5mm having B>22mm)



### Fixing pitch and distance between lugs (mm)

Lugs style	L	P1	P2
BN	42÷42,5	30÷37 (M6)	15min.
	57,5	Not available for B>22	
		Not available	



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**PMC - RMC article table** (different values available upon request)

Voltage at +85°C			Cn μF	Dimensions (mm)			du/dt V/μs	Ipeak A	Irms <sup>(2)</sup> A	ESR <sup>(3)</sup> mΩ	ICEL CODE <sup>(1)</sup>
Ur (Vdc)	Urms (Vac) <sup>(4)</sup>	Upk (Vdc)		B	H	L					
250	150	335	12.5	17	32	42	27.5	343.7	12.5	5.1	<b>RMC0355125*§§</b>
250	150	335	15	22	30	42.5	27.5	412.5	14	4.5	<b>RMC0355150*§§</b>
250	150	335	17.5	22	33.5	42.5	27.5	481.2	15	4.1	<b>RMC0355175*§§</b>
250	150	335	20	22	33.5	42.5	27.5	550	15.5	3.8	<b>RMC0355200*§§<sup>(A)</sup></b>
250	150	335	25	28	37	42.5	27.5	687.5	19	3.4	<b>RMC0355250*§§</b>
250	150	335	30	33	35.5	42.5	27.5	825	20	3	<b>RMC0355300*§§</b>
250	150	335	33	30	45	42.5	27.5	907.5	23.5	2.8	<b>RMC0355330*§§</b>
250	150	335	35	30	45	42.5	27.5	962.5	24	2.7	<b>RMC0355350*§§</b>
250	150	335	40	33	45	42.5	27.5	1100	26	2.4	<b>RMC0355400*§§</b>
250	150	335	45	35	50	42	27.5	1237.5	30	2.2	<b>RMC0355450*§§</b>
250	150	335	50	30	45	57.5	19	950	23	3.1	<b>RMC0355500*§§</b>
250	150	335	55	30	45	57.5	19	1045	24	2.9	<b>RMC0355550*§§</b>
250	150	335	68	35	50	57.5	19	1292	27.5	2.6	<b>RMC0355680*§§</b>
250	150	335	75	35	50	57.5	19	1425	28.5	2.4	<b>RMC0355750*§§</b>
250	150	335	85	38	57.5	57.5	19	1615	31.5	2.2	<b>RMC0355850*§§</b>
250	150	335	100	38	57.5	57.5	19	1900	33	2.1	<b>RMC0356100*§§</b>
250	160	400	10	17	28	42.5	25	250	18	2.7	<b>PMC1255100*§§B</b>
250	160	400	10	24.5	27.5	42.5	25	250	18	2.7	<b>PMC1255100*§§</b>
250	160	400	15	22	33.5	42.5	25	375	22	2.3	<b>PMC1255150*§§B</b>
250	160	400	15	33.5	35.5	42.5	25	375	23.5	2.3	<b>PMC1255150*§§</b>
250	160	400	20	33.5	35.5	42.5	25	500	27	2	<b>PMC1255200*§§</b>
250	160	400	22	33.5	35.5	42.5	25	550	27.5	2	<b>PMC1255220*§§</b>
250	160	400	22	28	37	42.5	25	550	27.5	2	<b>PMC1255220*§§A</b>
250	160	400	25	33.5	35.5	42.5	25	625	28.5	1.9	<b>PMC1255250*§§</b>
250	160	400	30	30	45	42.5	25	750	30	1.8	<b>PMC1255300*§§A</b>
250	160	400	30	33	45	42.5	25	750	30	1.8	<b>PMC1255300*§§</b>
250	160	400	33	33	45	42.5	25	825	31.5	1.8	<b>PMC1255330*§§</b>
250	160	400	35	33	45	42.5	25	875	32	1.7	<b>PMC1255350*§§</b>
250	160	400	40	35	50	42	25	1000	34.5	1.6	<b>PMC1255400*§§A</b>
250	160	400	40	30	45	57.5	15	600	28.5	2.5	<b>PMC1255400*§§</b>
250	160	400	50	35	50	57.5	15	750	32.5	2.2	<b>PMC1255500*§§</b>
250	160	400	60	35	50	57.5	15	900	34.5	2	<b>PMC1255600*§§</b>
250	160	400	68	38	57.5	57.5	15	1020	36.5	1.9	<b>PMC1255680*§§</b>
250	160	400	75	38	57.5	57.5	15	1125	37.5	1.8	<b>PMC1255750*§§</b>
330	200	440	6.8	17	28	42.5	37.5	255	11	6.1	<b>RMC0454680*§§</b>
330	200	440	8.2	17	32	42	37.5	307.5	12	5.4	<b>RMC0454800*§§</b>
330	200	440	9	24.5	27.5	42.5	37.5	337.5	13	5.1	<b>RMC0454900*§§</b>
330	200	440	10	22	30	42.5	37.5	375	13.5	4.6	<b>RMC0455100*§§</b>
330	200	440	12	22	33.5	42.5	37.5	450	15	4	<b>RMC0455120*§§</b>
330	200	440	15	28	37	42.5	37.5	562.5	18.5	3.5	<b>RMC0455150*§§</b>
330	200	440	18	33.5	35.5	42.5	37.5	675	19.5	3.2	<b>RMC0455180*§§</b>
330	200	440	22	30	45	42.5	37.5	825	23.5	2.6	<b>RMC0455220*§§</b>
330	200	440	25	33	45	42.5	37.5	937.5	25.5	2.4	<b>RMC0455250*§§</b>
330	200	440	30	35	50	42	37.5	1125	30	2.2	<b>RMC0455300*§§</b>
330	200	440	35	30	45	57.5	26.5	927.5	23	3.1	<b>RMC0455350*§§</b>
330	200	440	47	35	50	57.5	26.5	1245.5	27.5	2.5	<b>RMC0455470*§§</b>
330	200	440	60	38	57.5	57.5	26.5	1590	32	2.2	<b>RMC0455600*§§</b>

<sup>(1)</sup> Change the \* symbol with the needed capacitance tolerance code: J=±5%, K=±10%, M=±20% and the §§ characters with the needed style code  
<sup>(2)</sup> Max. at 100kHz, +70°C for case operating T= +85°C (at T amb. >+70°C and T case>+85°C voltage and current de-rating must be observed), C tol. ≤±10% (for wider C tolerances, ESR variation must be taken in consideration)  
<sup>(3)</sup> Typical values at 100kHz (for operating frequencies far from the reference, ESR variation and related power dissipation variation must be taken in consideration)  
<sup>(4)</sup> Not suitable for across the line application  
<sup>(A)</sup> Not available with C tolerance < ±10%



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Voltage at +85°C			Cn µF	Dimensions (mm)			du/dt V/µs	Ipeak A	Irms <sup>(2)</sup> A	ESR <sup>(3)</sup> mΩ	ICEL CODE <sup>(1)</sup>
Ur (Vdc)	Urms (Vac) <sup>(4)</sup>	Upk (Vdc)		B	H	L					
330	220	500	4.7	17	28	42.5	30	141	15	3.8	PMC1334470*\$\$
330	220	500	6.8	17	32	42	30	204	18	2.9	PMC1334680*\$\$A
330	220	500	6.8	24.5	27.5	42.5	30	204	18	2.9	PMC1334680*\$\$
330	220	500	10	22	33.5	42.5	30	300	21	2.5	PMC1335100*\$\$
330	220	500	15	33.5	35.5	42.5	30	450	26.5	2.1	PMC1335150*\$\$
330	220	500	15	28	37	42.5	30	450	26.5	2.1	PMC1335150*\$\$A
330	220	500	20	33	45	42.5	30	600	30.5	1.9	PMC1335200*\$\$
330	220	500	22	33	45	42.5	30	660	32	1.8	PMC1335220*\$\$
330	220	500	25	35	50	42	30	750	33.5	1.7	PMC1335250*\$\$A
330	220	500	25	30	45	57.5	17	425	26	2.9	PMC1335250*\$\$
330	220	500	27	35	50	42	30	810	34	1.7	PMC1335270*\$\$
330	220	500	30	30	45	57.5	17	510	28	2.7	PMC1335300*\$\$
330	220	500	35	35	50	57.5	17	595	30.5	2.4	PMC1335350*\$\$
330	220	500	40	35	50	57.5	17	680	32.5	2.2	PMC1335400*\$\$
330	220	500	47	38	57.5	57.5	17	799	34	2.1	PMC1335470*\$\$
330	220	500	55	38	57.5	57.5	17	850	35.5	2	PMC1335550*\$\$
400	275	600	4	17	28	42.5	40	160	16.5	3.4	PMC1404400*\$\$B
400	275	600	4	24.5	27.5	42.5	40	160	16.5	3.4	PMC1404400*\$\$
400	275	600	5	24.5	27.5	42.5	40	200	18.5	2.9	PMC1404500*\$\$
400	275	600	6.8	22	33.5	42.5	40	272	22	2.5	PMC1404680*\$\$B
400	275	600	6.8	33.5	35.5	42.5	40	272	23	2.5	PMC1404680*\$\$
400	275	600	10	33.5	35.5	42.5	40	400	26.5	2.1	PMC1405100*\$\$
400	275	600	10	28	37	42.5	40	400	26.5	2.1	PMC1405100*\$\$A
400	275	600	12.5	30	45	42.5	40	500	29.5	2	PMC1405125*\$\$A
400	275	600	12.5	33	45	42.5	40	500	29.5	2	PMC1405125*\$\$
400	275	600	15	33	45	42.5	40	600	31.5	1.9	PMC1405150*\$\$
400	275	600	18	35	50	42	40	720	33	1.8	PMC1405180*\$\$
400	275	600	20	30	45	57.5	20	400	26.5	2.9	PMC1405200*\$\$
400	275	600	22	35	50	57.5	20	440	28.5	2.8	PMC1405220*\$\$
400	275	600	25	35	50	57.5	20	500	30.5	2.6	PMC1405250*\$\$
400	275	600	30	38	57.5	57.5	20	600	33	2.3	PMC1405300*\$\$
400	275	600	35	38	57.5	57.5	20	600	34.5	2.2	PMC1405350*\$\$
435	270	580	4.7	17	28	42.5	47.5	223.2	10	7.1	RMC0554470*\$\$
435	270	580	5.6	17	32	42	47.5	266	11	6.2	RMC0554560*\$\$
435	270	580	6.8	22	30	42.5	47.5	323	12.5	5.3	RMC0554680*\$\$
435	270	580	8	22	33.5	42.5	47.5	380	14	4.7	RMC0554800*\$\$
435	270	580	12	33.5	35.5	42.5	47.5	570	18.5	3.5	RMC0555120*\$\$
435	270	580	15	30	45	42.5	47.5	712.5	22	3.1	RMC0555150*\$\$
435	270	580	17.5	33	45	42.5	47.5	831.2	23.5	2.8	RMC0555175*\$\$
435	270	580	20	35	50	42	47.5	950	26	2.6	RMC0555200*\$\$
435	270	580	22	35	50	42	47.5	1045	27	2.5	RMC0555220*\$\$ <sup>(A)</sup>
435	270	580	25	30	45	57.5	32.5	812.5	22.5	3.3	RMC0555250*\$\$ <sup>(A)</sup>
435	270	580	30	35	50	57.5	32.5	975	25.5	3	RMC0555300*\$\$
435	270	580	40	38	57.5	57.5	32.5	1300	29	2.7	RMC0555400*\$\$

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<sup>(2)</sup> Max. at 100kHz, +70°C for case operating T= +85°C (at T amb. >+70°C and T case>+85°C voltage and current de-rating must be observed), C tol. ≤±10% (for wider C tolerances, ESR variation must be taken in consideration)  
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Voltage at +85°C			Cn μF	Dimensions (mm)			du/dt V/μs	Ipeak A	Irms <sup>(2)</sup> A	ESR <sup>(3)</sup> mΩ	ICEL CODE <sup>(1)</sup>
Ur (Vdc)	Urms (Vac) <sup>(4)</sup>	Upk (Vdc)		B	H	L					
570	330	760	2.5	17	28	42.5	65	162.5	10	7.2	RMC0704250*\$\$
570	330	760	3.3	17	32	42	65	214.5	11.5	5.8	RMC0704330*\$\$
570	330	760	4	22	30	42.5	65	260	13	5	RMC0704400*\$\$
570	330	760	4.7	22	33.5	42.5	65	305.5	14	4.5	RMC0704470*\$\$
570	330	760	5	22	33.5	42.5	65	325	14.5	4.5	RMC0704500*\$\$
570	330	760	6.8	28	37	42.5	65	442	18	3.6	RMC0704680*\$\$
570	330	760	7.25	33.5	35.5	42.5	65	471.2	19	3.4	RMC0704725*\$\$
570	330	760	10	30	45	42.5	65	650	23.5	2.8	RMC0705100*\$\$
570	330	760	13	35	50	42	65	845	29.5	2.2	RMC0705130*\$\$
570	330	760	15	30	45	57.5	43.5	652.5	23.5	3	RMC0755150*\$\$ <sup>(^)</sup>
570	330	760	18.5	35	50	57.5	43.5	804.7	26.5	2.7	RMC0705185*\$\$
570	330	760	22	38	57.5	57.5	43.5	957	30	2.5	RMC0705220*\$\$
570	330	760	25	38	57.5	57.5	43.5	1087.5	31.5	2.3	RMC0705250*\$\$
600	350	800	2.2	17	28	42.5	55	121	14	4.3	PMC1604220*\$\$
600	350	800	2.5	17	32	42	55	137.5	16	4	PMC1604250*\$\$A
600	350	800	2.5	24.5	27.5	42.5	55	137.5	16	4	PMC1604250*\$\$
600	350	800	3	24.5	27.5	42.5	55	165	17	3.6	PMC1604300*\$\$
600	350	800	3.3	22	30	42.5	55	181.5	17.5	3.5	PMC1604330*\$\$A
600	350	800	3.3	24.5	27.5	42.5	55	181.5	17	3.5	PMC1604330*\$\$
600	350	600	4	22	33.5	42.5	55	220	20.5	2.8	PMC1604400*\$\$B
600	350	800	4	33.5	35.5	42.5	55	220	21.5	2.8	PMC1604400*\$\$
600	350	800	4.7	33.5	35.5	42.5	55	258.5	24	2.5	PMC1604470*\$\$
600	350	800	5	33.5	35.5	42.5	55	275	24	2.5	PMC1604500*\$\$
600	350	800	5	28	37	42.5	55	275	24	2.5	PMC1604500*\$\$A
600	350	800	5.6	28	37	42.5	55	308	25	2.4	PMC1604560*\$\$
600	350	800	6.8	30	45	42.5	55	374	28.5	2.2	PMC1604680*\$\$A
600	350	800	6.8	33	45	42.5	55	374	28.5	2.2	PMC1604680*\$\$
600	350	800	9	33	45	42.5	55	495	31.5	1.9	PMC1604900*\$\$
600	350	800	10	35	50	42	55	550	32.5	1.8	PMC1605100*\$\$A
600	350	800	10	30	45	57.5	30	300	23.5	3.5	PMC1605100*\$\$
600	350	800	11	35	50	42	55	605	33	1.7	PMC1605110*\$\$
600	350	800	12.5	35	50	57.5	30	375	26	3.2	PMC1605125*\$\$
600	350	800	15	35	50	57.5	30	450	28.5	2.9	PMC1605150*\$\$
600	350	800	20	38	57.5	57.5	30	600	32.5	2.5	PMC1605200*\$\$

<sup>(1)</sup> Change the \* symbol with the needed capacitance tolerance code: J=±5%, K=±10%, M=±20% and the \$\$ characters with the needed style code  
<sup>(2)</sup> Max. at 100kHz, +70°C for case operating T= +85°C (at T amb. >+70°C and T case>+85°C voltage and current de-rating must be observed), C tol. ≤±10% (for wider C tolerances, ESR variation must be taken in consideration)  
<sup>(3)</sup> Typical values at 100kHz (for operating frequencies far from the reference, ESR variation and related power dissipation variation must be taken in consideration)  
<sup>(4)</sup> Not suitable for across the line application  
<sup>(^)</sup> Not available with C tolerance < ±10%



# PMC - RMC *NEW - In Progress*

- MKP • box with lug terminals (RMC: small size)
- High current • High frequency • switching / resonant applications



Voltage at +85°C			Cn μF	Dimensions (mm)			du/dt V/μs	Ipeak A	Irms <sup>(2)</sup> A	ESR <sup>(3)</sup> mΩ	ICEL CODE <sup>(1)</sup>
Ur (Vdc)	Urms (Vac) <sup>(4)</sup>	Upk (Vdc)		B	H	L					
675	370	900	2.2	17	28	42.5	72.5	159.5	10.5	6.1	RMC0804200*\$\$
675	370	900	2.5	17	32	42.5	72.5	181.2	11.5	5.6	RMC0804250*\$\$
675	370	900	3.3	22	30	42.5	72.5	239.2	13	4.9	RMC0804330*\$\$
675	370	900	3.75	22	33.5	42.5	72.5	271.8	14	4.6	RMC0804375*\$\$
675	370	900	5	28	37	42.5	72.5	362.5	16.5	4.2	RMC0804500*\$\$
675	370	900	5.6	28	37	42.5	72.5	406	17.5	4	RMC0804560*\$\$
675	370	900	5.6	33.5	35.5	42.5	72.5	406	17.5	4	RMC0804560*\$\$A
675	370	900	6.8	30	45	42.5	72.5	493	20.5	3.6	RMC0804680*\$\$
675	370	900	7.5	30	45	42.5	72.5	543.7	21.5	3.4	RMC0804750*\$\$
675	370	900	8.2	33	45	42.5	72.5	594.5	22.5	3.2	RMC0804820*\$\$
675	370	900	10	35	50	42	72.5	725	25.5	2.6	RMC0805100*\$\$
675	370	900	10	30	45	57.5	50	500	22	3.5	RMC0805100*\$\$A
675	370	900	12.5	35	50	57.5	50	625	25	3.1	RMC0805125*\$\$
675	370	900	15	35	50	57.5	50	7580	27	2.7	RMC0805150*\$\$
675	370	900	18	38	57.5	57.5	50	900	30.5	2.4	RMC0855185*\$\$
700	400	1000	1.2	17	28	42.5	70	84	12	5.6	PMC1704100*\$\$
700	400	1000	1.5	17	32	42	70	105	14.5	4.8	PMC1704150*\$\$A
700	400	1000	1.5	24.5	27.5	42.5	70	105	14.5	4.8	PMC1704150*\$\$
700	400	1000	2	22	30	42.5	70	140	16.5	4	PMC1704200*\$\$A
700	400	1000	2	24.5	27.5	42.5	70	140	16.5	4	PMC1704200*\$\$
700	400	1000	2.5	22	33.5	42.5	70	175	18.5	3.4	PMC1704250*\$\$A
700	400	1000	2.5	33.5	35.5	42.5	70	175	19.5	3.4	PMC1704250*\$\$
700	400	1000	3	33.5	35.5	42.5	70	210	21.5	3.1	PMC1704300*\$\$
700	400	1000	3	28	37	42.5	70	210	21.5	3.1	PMC1704300*\$\$A
700	400	1000	3.3	33.5	35.5	42.5	70	231	22.5	3	PMC1704330*\$\$
700	400	1000	3.3	28	37	42.5	70	231	22.5	3	PMC1704330*\$\$A
700	400	1000	4	30	45	42.5	70	280	26	2.6	PMC1704400*\$\$A
700	400	1000	4	33	45	42.5	70	280	26	2.6	PMC1704400*\$\$
700	400	1000	4.7	33	45	42.5	70	329	28.5	2.3	PMC1704470*\$\$
700	400	1000	5	33	45	42.5	70	350	29	2.3	PMC1704500*\$\$
700	400	1000	6	35	50	42	70	420	31	2	PMC1704600*\$\$
700	400	1000	6.8	30	45	57.5	40	272	22.5	3.8	PMC1704680*\$\$
700	400	1000	8	35	50	57.5	40	320	25.5	3.5	PMC1704800*\$\$
700	400	1000	9	35	50	57.5	40	360	27	3.2	PMC1704900*\$\$
700	400	1000	10	38	57.5	57.5	40	400	28.5	3.1	PMC1705100*\$\$
700	400	1000	12	38	57.5	57.5	40	480	31.5	2.7	PMC1705120*\$\$

<sup>(1)</sup> Change the \* symbol with the needed capacitance tolerance code: J=±5%, K=±10%, M=±20% and the \$\$ characters with the needed style code  
<sup>(2)</sup> Max. at 100kHz, +70°C for case operating T= +85°C (at T amb. >+70°C and T case>+85°C voltage and current de-rating must be observed), C tol. ≤±10% (for wider C tolerances, ESR variation must be taken in consideration)  
<sup>(3)</sup> Typical values at 100kHz (for operating frequencies far from the reference, ESR variation and related power dissipation variation must be taken in consideration)  
<sup>(4)</sup> Not suitable for across the line application  
<sup>(A)</sup> Not available with C tolerance < ±10%

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