



# 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)

Please refer also to paragraph C10 (humid ambient) of the General Technical Information

## Operating temperature range (case)

PMC: -40°...+85°C (+100°C observing voltage and current de-rating)

RMC: -40°...+85°C

## Max. permissible ambient temperature

PMC: +70°C, operation at rated power, current, voltage and natural cooling (+85°C observing voltage and current de-rating)

RMC: +70°C, operation at rated power, current, voltage and natural cooling

## Nominal Capacitance (Cn) $\mu$ F

PMC: 1,2 $\mu$ F to 75 $\mu$ F. Refer to article table

RMC: 2,2 $\mu$ F to 100 $\mu$ 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/ $\mu$ 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:

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

RMC:

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

## Insulation resistance (R<sub>INS</sub>)

$\geq 30000\text{s}$  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 $\div$ 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<sub>INS</sub>  $\geq 50\%$  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



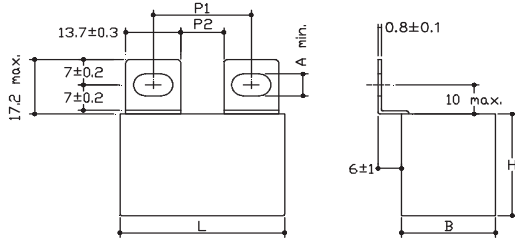
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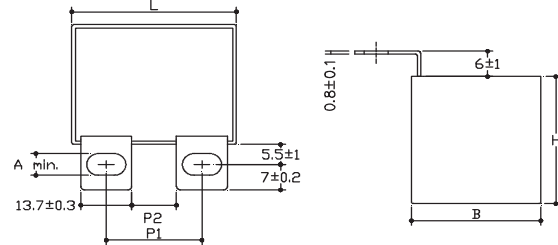


Dimensions in mm (drawings not in scale)

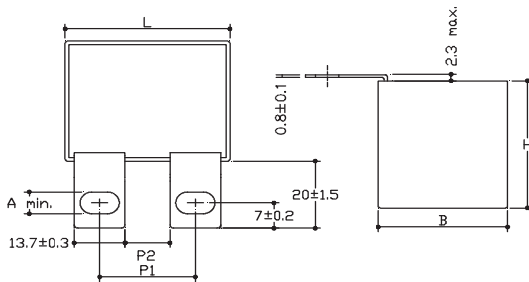
### Style SP-SPM8 / SR-SRM8



### Style VP-VPM8 / VR-VRM8



### Style FP-FPM8 / FR-FRM8



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

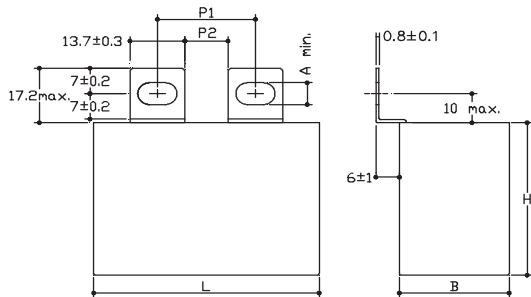
Lugs style	L	P1	P2
SP-SPM8	42÷42,5	23÷28(M6) 25÷26(M8)	11min.
VP-VPM8	57,5	37÷42(M6) 39÷40(M8)	24min.
FP-FPM8	57,5	34÷39(M6) 36÷37(M8)	21min.
SR-SRM8	42÷42,5	20÷25(M6) 22÷23(M8)	8min.
VR-VRM8	57,5	34÷39(M6) 36÷37(M8)	21min.
FR-FRM8	57,5	34÷39(M6) 36÷37(M8)	21min.

#### Fixing slot size (mm)\*\*

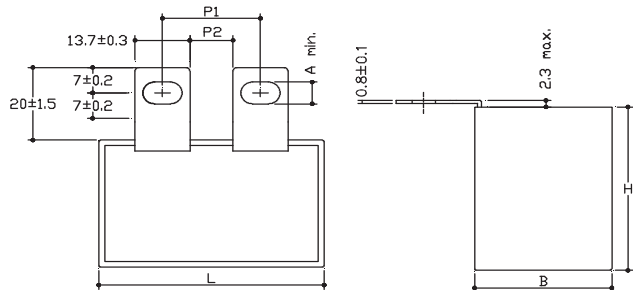
SP, VP, FP, SR, VR, FR	A= 6min.
SPM8, VPM8, FPM8, SRM8, VRM8, FRM8	A= 8min.

\*\* 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)

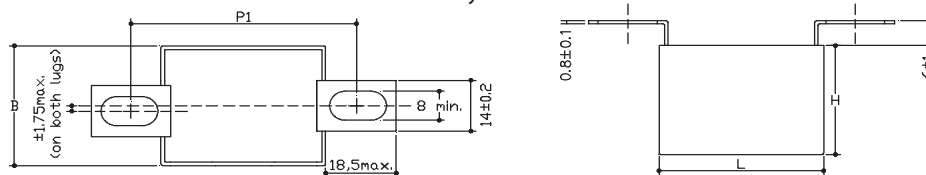
Lugs style	L	P1	P2
SN-SNM8	42÷42,5	Not available	-
VN-VNM8	57,5	23÷28 (M6) 25÷26 (M8)	11min.

#### 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)	-



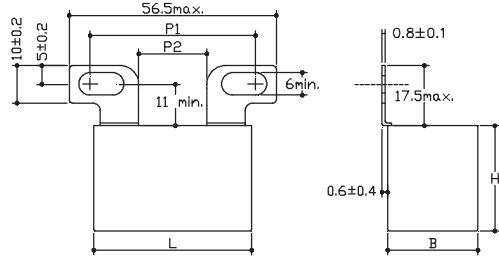
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Dimensions in mm (drawings not in scale)

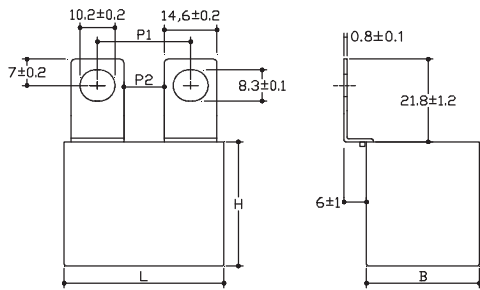
Style **BP** (Not available for L=57,5mm)



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

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

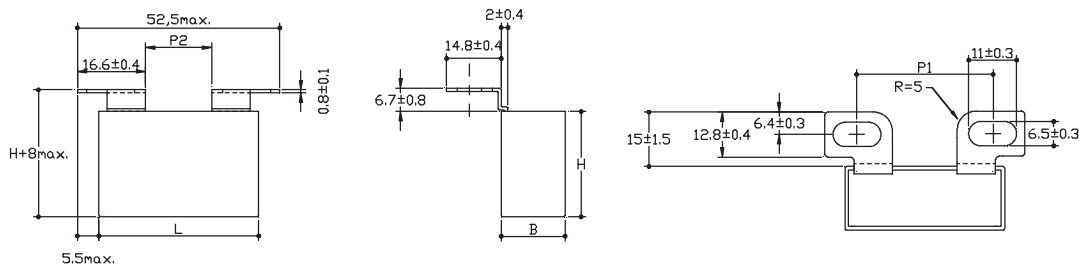
Style **SL** (M8 slots only)



### 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.
		Not available for B>22	
	57,5	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	RMC0355125*\$\$
250	150	335	15	22	30	42.5	27.5	412.5	14	4.5	RMC0355150*\$\$
250	150	335	17.5	22	33.5	42.5	27.5	481.2	15	4.1	RMC0355175*\$\$
250	150	335	20	22	33.5	42.5	27.5	550	15.5	3.8	RMC0355200*\$\$ <sup>(*)</sup>
250	150	335	25	28	37	42.5	27.5	687.5	19	3.4	RMC0355250*\$\$
250	150	335	30	33	35.5	42.5	27.5	825	20	3	RMC0355300*\$\$
250	150	335	33	30	45	42.5	27.5	907.5	23.5	2.8	RMC0355330*\$\$
250	150	335	35	30	45	42.5	27.5	962.5	24	2.7	RMC0355350*\$\$
250	150	335	40	33	45	42.5	27.5	1100	26	2.4	RMC0355400*\$\$
250	150	335	45	35	50	42	27.5	1237.5	30	2.2	RMC0355450*\$\$
250	150	335	50	30	45	57.5	19	950	23	3.1	RMC0355500*\$\$
250	150	335	55	30	45	57.5	19	1045	24	2.9	RMC0355550*\$\$
250	150	335	68	35	50	57.5	19	1292	27.5	2.6	RMC0355680*\$\$
250	150	335	75	35	50	57.5	19	1425	28.5	2.4	RMC0355750*\$\$
250	150	335	85	38	57.5	57.5	19	1615	31.5	2.2	RMC0355850*\$\$
250	150	335	100	38	57.5	57.5	19	1900	33	2.1	RMC0356100*\$\$
250	160	400	10	17	28	42.5	25	250	18	2.7	PMC1255100*\$\$B
250	160	400	10	24.5	27.5	42.5	25	250	18	2.7	PMC1255100*\$\$
250	160	400	15	22	33.5	42.5	25	375	22	2.3	PMC1255150*\$\$B
250	160	400	15	33.5	35.5	42.5	25	375	23.5	2.3	PMC1255150*\$\$
250	160	400	20	33.5	35.5	42.5	25	500	27	2	PMC1255200*\$\$
250	160	400	22	33.5	35.5	42.5	25	550	27.5	2	PMC1255220*\$\$
250	160	400	22	28	37	42.5	25	550	27.5	2	PMC1255220*\$\$A
250	160	400	25	33.5	35.5	42.5	25	625	28.5	1.9	PMC1255250*\$\$
250	160	400	30	30	45	42.5	25	750	30	1.8	PMC1255300*\$\$A
250	160	400	30	33	45	42.5	25	750	30	1.8	PMC1255300*\$\$
250	160	400	33	33	45	42.5	25	825	31.5	1.8	PMC1255330*\$\$
250	160	400	35	33	45	42.5	25	875	32	1.7	PMC1255350*\$\$
250	160	400	40	35	50	42	25	1000	34.5	1.6	PMC1255400*\$\$A
250	160	400	40	30	45	57.5	15	600	28.5	2.5	PMC1255400*\$\$
250	160	400	50	35	50	57.5	15	750	32.5	2.2	PMC1255500*\$\$
250	160	400	60	35	50	57.5	15	900	34.5	2	PMC1255600*\$\$
250	160	400	68	38	57.5	57.5	15	1020	36.5	1.9	PMC1255680*\$\$
250	160	400	75	38	57.5	57.5	15	1125	37.5	1.8	PMC1255750*\$\$
330	200	440	6.8	17	28	42.5	37.5	255	11	6.1	RMC0454680*\$\$
330	200	440	8.2	17	32	42	37.5	307.5	12	5.4	RMC0454800*\$\$
330	200	440	9	24.5	27.5	42.5	37.5	337.5	13	5.1	RMC0454900*\$\$
330	200	440	10	22	30	42.5	37.5	375	13.5	4.6	RMC0455100*\$\$
330	200	440	12	22	33.5	42.5	37.5	450	15	4	RMC0455120*\$\$
330	200	440	15	28	37	42.5	37.5	562.5	18.5	3.5	RMC0455150*\$\$
330	200	440	18	33.5	35.5	42.5	37.5	675	19.5	3.2	RMC0455180*\$\$
330	200	440	22	30	45	42.5	37.5	825	23.5	2.6	RMC0455220*\$\$
330	200	440	25	33	45	42.5	37.5	937.5	25.5	2.4	RMC0455250*\$\$
330	200	440	30	35	50	42	37.5	1125	30	2.2	RMC0455300*\$\$
330	200	440	35	30	45	57.5	26.5	927.5	23	3.1	RMC0455350*\$\$
330	200	440	47	35	50	57.5	26.5	1245.5	27.5	2.5	RMC0455470*\$\$
330	200	440	60	38	57.5	57.5	26.5	1590	32	2.2	RMC0455600*\$\$

(1) Change the \* symbol with the needed capacitance tolerance code: J=±5%, K=±10%, M=±20% and the \$\$ characters with the needed style code  
 (2) 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)  
 (3) Typical values at 100kHz (for operating frequencies far from the reference, ESR variation and related power dissipation variation must be taken in consideration)  
 (4) Not suitable for across the line application  
 (\*) 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	PMC1405200*\$\$
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>(*)</sup>
435	270	580	25	30	45	57.5	32.5	812.5	22.5	3.3	RMC0555250*\$\$ <sup>(*)</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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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>(A)</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*\$\$

(1) Change the \* symbol with the needed capacitance tolerance code: J=±5%, K=±10%, M=±20% and the \$\$ characters with the needed style code  
(2) 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)  
(3) Typical values at 100kHz (for operating frequencies far from the reference, ESR variation and related power dissipation variation must be taken in consideration)  
(4) Not suitable for across the line application  
(A) 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**