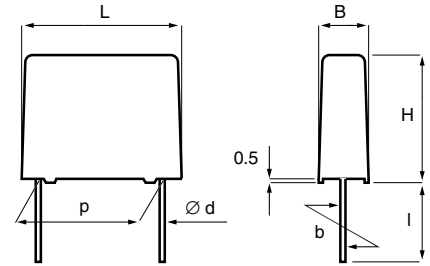


- Metallized polyester
- According to CECC 30401-042, IEC 60384-2, DIN 44122

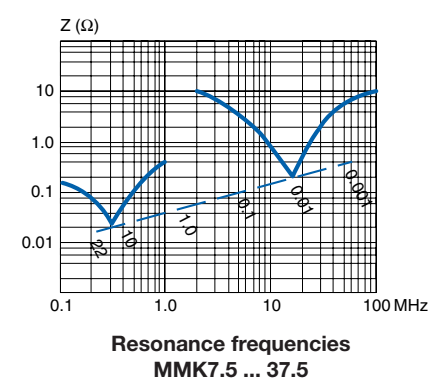
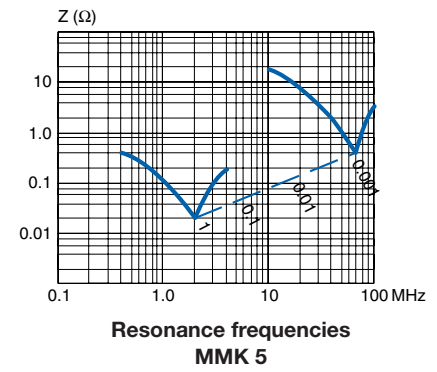


TYPICAL APPLICATIONS	CONSTRUCTION
By-passing, signal coupling. General purpose for highest reliability.	Metallized polyester film capacitor. Radial leads of tinned wire are electrically welded to the contact metal layer on the ends of the capacitor winding. Encapsulation in self-extinguishing material meeting the requirements of UL 94V-0.



TECHNICAL DATA							
Rated voltage $U_R$ , VDC	50	63	100	250	400	630	1000
	30	40	63	160	200	220	250
Rated voltage $U_R$ , VAC	50	63	100	250	400	630	1000
	30	40	63	160	200	220	250
Capacitance, $\mu\text{F}$	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	-10.0	-82	-82	-39	-18	-6.8	-4.7
Capacitance tolerance	$\pm 20\%$ , $\pm 10\%$ standard, $\pm 5\%$ .						
Category temperature range	-55 ... +100°C						
Voltage derating	Above +85°C DC and AC voltage derating is 1.25%/°C.						
Rated temperature	+85°C						
Climatic category	IEC 60068-1, 55/100/56 DIN 40040, FME -55 ... +100°C (+125°C) Average relative humidity $\leq 75\%$ RH = 95% for 30 days per year. RH = 85% for further days limited by average value per year, occasional slight condensation permitted.						
Test voltage	1.6 x $U_R$ VDC for 2s						
Capacitance drift	Max. 2% after a 2 year storage period at a temperature of +10 ... +40°C and a relative humidity of 40...60%.						
Reliability	Operational life > 200 000 h. Failure rate < 3 FIT, T = +40°C, U = 0.5 x $U_R$ . Failure criteria according to DIN 44122.						
Maximum pulse steepness:	dU/dt according to article table. For peak to peak voltages lower than rated voltage ( $U_{pp} < U_R$ ), the specified dU/dt can be multiplied by the factor $U_R/U_{pp}$ .						
Temperature coefficient	+400 ( $\pm 200$ ) ppm/°C at 1 kHz						
Self inductance	Approximately 6 nH/cm for the total length of capacitor winding and the leads.						

p	d	std l	max l	b
5.0 ± 0.4	0.5	4 <sup>+1</sup>	20	± 0.4
7.5 ± 0.4	0.6	4 <sup>+1</sup>	20	± 0.4
10.0 ± 0.4	0.6	4 <sup>+1</sup>	30	± 0.4
15.0 ± 0.4	0.8	4 <sup>+1</sup>	30	± 0.4
22.5 ± 0.4	0.8	4 <sup>+1</sup>	30	± 0.4
27.5 ± 0.4	0.8	4 <sup>+1</sup>	30	± 0.4
37.5 ± 0.5	1.0	4 <sup>+1</sup>	30	± 0.7



ENVIRONMENTAL TEST DATA		
Damp heat test	Test conditions: Test criteria:	T = +40°C, RH = 93%, t = 56 days. $\Delta C/C \leq \pm 5\%$ , $\Delta \tan \delta \leq 0.005$ (1kHz), IR after test 0.5 x IR min.
Endurance test	Test conditions: Test criteria:	T = +100°C, U = 1.25 x (0.8 x $U_R$ ), t = 2000 h. $\Delta C/C \leq \pm 5\%$ , $\Delta \tan \delta \leq 0.005$ (1kHz) $\Delta \tan \delta \leq 0.010$ (100kHz) IR after test 0.5 x IR min.

**TECHNICAL DATA**

**Dissipation factor  $\tan\delta$**

Maximum values at +23°C  
 $C \leq 0.1 \mu\text{F}$     $0.1 \mu\text{F} < C \leq 1.0 \mu\text{F}$     $C > 1.0 \mu\text{F}$

MMK5	1 kHz	0.8%	0.8%	0.8%
	10 kHz	1.2%	1.2%	1.5%
	100 kHz	2.5%	3.0%	
MMK7.5 ... 37.5	1 kHz	0.8%	0.8%	1.0%
	10 kHz	1.5%	1.5%	
	100 kHz	3.0%		

**Insulation resistance**

Minimum values between terminals.  
 Measured at +20°C, according to IEC 60384-2.  
 $C \leq 0.33 \mu\text{F}$     $C > 0.33 \mu\text{F}$

$U_R \leq 100\text{V}$	15000 MΩ	5000 s
$U_R > 100\text{V}$	30000 MΩ	10000 s

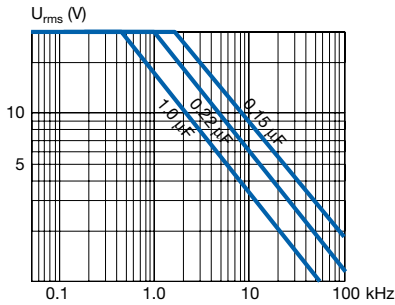
**ORDERING INFORMATION**

See article table and pages 10 to 14 for options and article code construction.

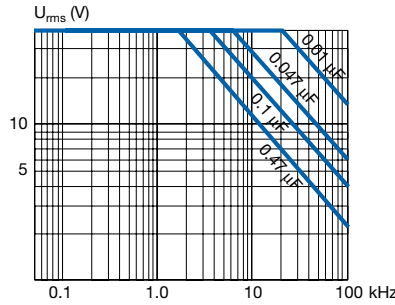
**MARKING**

- Capacitance
- Tolerance code
- Rated voltage
- Capacitor family code MMK
- Manufacturing date code

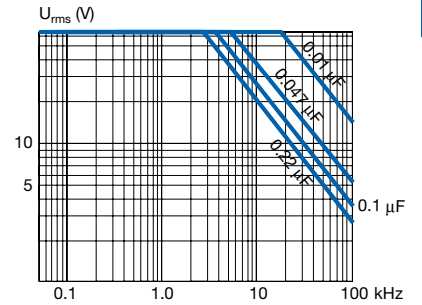
**RATED AC VOLTAGE VS. FREQUENCY**



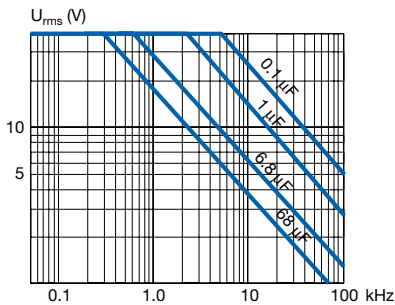
**MMK5 50/30**



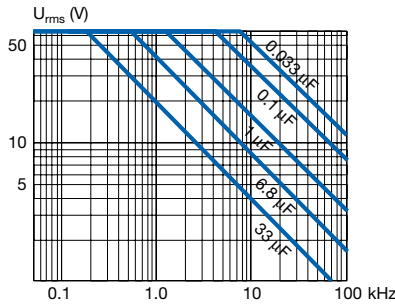
**MMK5 63/40**



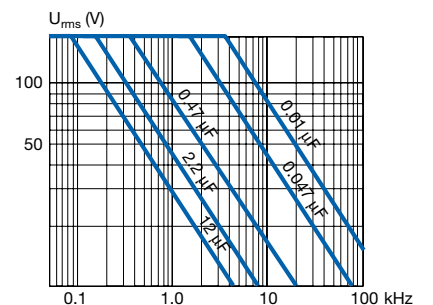
**MMK5 100/63**



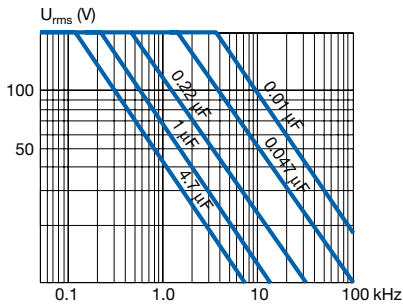
**MMK7.5 ... 37.5 63/40**



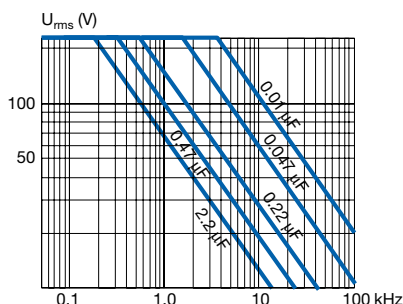
**MMK7.5 ... 37.5 100/63**



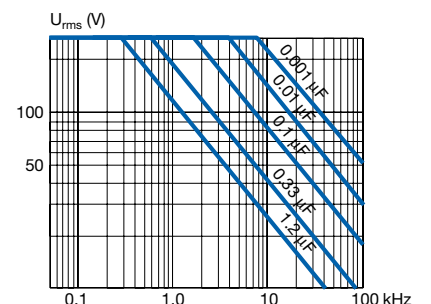
**MMK7.5 ... 37.5 250/160**



**MMK7.5 ... 37.5 400/200**



**MMK7.5 ... 37.5 630/220**



**MMK7.5 ... 37.5 1000/250**



ARTICLE TABLE

Capaci- Box Max dimen- Max  
tance code sions in mm dU/dt  
μF B H L V/μs Article code

Capaci- Box Max dimen- Max  
tance code sions in mm dU/dt  
μF B H L V/μs Article code

63 VDC/40 VAC

63 VDC/40 VAC

LEAD SPACING 5 MM

LEAD SPACING 7.5 MM

Table with columns: Capacitance, Box code, Dimensions (B, H, L), Max V/μs, Article code. Rows include various models like 102K63J01L4, 122K63J01L4, etc.

Table with columns: Capacitance, Box code, Dimensions (B, H, L), Max V/μs, Article code. Rows include various models like 223K63K00L4, 273K63K00L4, etc.

LEAD SPACING 10 MM

LEAD SPACING 7.5 MM

Table with columns: Capacitance, Box code, Dimensions (B, H, L), Max V/μs, Article code. Rows include various models like 102K63A01L4, 122K63A01L4, etc.

Table with columns: Capacitance, Box code, Dimensions (B, H, L), Max V/μs, Article code. Rows include various models like 102K63K00L4, 122K63K00L4, etc.

ARTICLE TABLE

Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code
		B	H	L		
<b>63 VDC/40 VAC</b>						
<b>LEAD SPACING 10 MM</b>						
0.56	A01	4.0	9.0	13.0	8	MMK10 564K63A01L4 BULK
0.68	A01	4.0	9.0	13.0	8	MMK10 684K63A01L4 BULK
0.82	A01	4.0	9.0	13.0	8	MMK10 824K63A01L4 BULK
1.0	A02	4.5	10.5	13.0	8	MMK10 105K63A02L4 BULK
1.2	A02	4.5	10.5	13.0	8	MMK10 125K63A02L4 BULK
1.5	A03	5.0	11.0	13.0	8	MMK10 155K63A03L4 BULK
1.8	A04	6.0	12.0	13.0	8	MMK10 185K63A04L4 BULK
2.2	A04	6.0	12.0	13.0	8	MMK10 225K63A04L4 BULK
<b>LEAD SPACING 15 MM</b>						
0.68	B04	5.5	10.5	18.0	5	MMK15 684K63B04L4 BULK
0.82	B04	5.5	10.5	18.0	5	MMK15 824K63B04L4 BULK
1.0	B04	5.5	10.5	18.0	5	MMK15 105K63B04L4 BULK
1.2	B04	5.5	10.5	18.0	5	MMK15 125K63B04L4 BULK
1.5	B04	5.5	10.5	18.0	5	MMK15 155K63B04L4 BULK
1.8	B04	5.5	10.5	18.0	5	MMK15 185K63B04L4 BULK
2.0	B05	5.5	12.5	18.0	5	MMK15 205K63B05L4 BULK
2.2	B05	5.5	12.5	18.0	5	MMK15 225K63B05L4 BULK
2.7	B10	6.5	12.5	18.0	5	MMK15 275K63B10L4 BULK
3.3	B10	6.5	12.5	18.0	5	MMK15 335K63B10L4 BULK
3.9	B06	7.5	14.5	18.0	5	MMK15 395K63B06L4 BULK
4.7	B06	7.5	14.5	18.0	5	MMK15 475K63B06L4 BULK
5.6	B11	8.5	16.0	18.0	5	MMK15 565K63B11L4 BULK
6.8	B14	9.5	17.5	18.0	5	MMK15 685K63B14L4 BULK
<b>LEAD SPACING 22.5 MM</b>						
3.3	D13	6.5	14.5	26.0	3	MMK22.5 335K63D13L4 TRAY
3.9	D13	6.5	14.5	26.0	3	MMK22.5 395K63D13L4 TRAY
4.7	D13	6.5	14.5	26.0	3	MMK22.5 475K63D13L4 TRAY
5.6	D17	7.0	16.5	26.0	3	MMK22.5 565K63D17L4 TRAY
6.8	D17	7.0	16.5	26.0	3	MMK22.5 685K63D17L4 TRAY
8.2	D14	8.0	16.0	26.0	3	MMK22.5 825K63D14L4 TRAY
10	D15	9.0	18.5	26.0	3	MMK22.5 106K63D15L4 TRAY
12	D18	10.5	19.0	26.0	3	MMK22.5 126K63D18L4 TRAY
15	D16	11.0	21.5	26.0	3	MMK22.5 156K63D16L4 TRAY
18	D20	13.5	23.0	26.0	3	MMK22.5 186K63D20L4 TRAY
22	D19	15.5	24.5	26.0	3	MMK22.5 226K63D19L4 TRAY
<b>LEAD SPACING 27.5 MM</b>						
8.2	F11	10.5	20.5	31.5	2	MMK27.5 825K63F11L4 TRAY
10	F11	10.5	20.5	31.5	2	MMK27.5 106K63F11L4 TRAY
12	F11	10.5	20.5	31.5	2	MMK27.5 126K63F11L4 TRAY
15	F12	11.5	22.5	31.5	2	MMK27.5 156K63F12L4 TRAY
15	F17	21.0	12.5	31.5	2	MMK27.5 156K63F17L4 TRAY
18	F12	11.5	22.5	31.5	2	MMK27.5 186K63F12L4 TRAY
22	F13	14.5	24.5	31.5	2	MMK27.5 226K63F13L4 TRAY
27	F14	17.5	28.0	31.5	2	MMK27.5 276K63F14L4 TRAY
33	F14	17.5	28.0	31.5	2	MMK27.5 336K63F14L4 TRAY
33	F19	27.5	16.0	31.5	2	MMK27.5 336K63F19L4 TRAY
39	F15	19.0	29.0	31.5	2	MMK27.5 396K63F15L4 TRAY
47	F16	21.0	30.0	31.5	2	MMK27.5 476K63F16L4 TRAY
47	F18	31.0	19.0	31.5	2	MMK27.5 476K63F18L4 TRAY

Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code
		B	H	L		
<b>63 VDC/40 VAC</b>						
<b>LEAD SPACING 37.5 MM</b>						
27	R05	13.0	24.0	41.0	1	MMK37.5 276K63R05L4 TRAY
33	R04	15.0	26.0	41.0	1	MMK37.5 336K63R04L4 TRAY
39	R04	15.0	26.0	41.0	1	MMK37.5 396K63R04L4 TRAY
47	R02	16.5	32.0	41.0	1	MMK37.5 476K63R02L4 TRAY
56	R03	19.0	36.0	41.0	1	MMK37.5 566K63R03L4 TRAY
68	R03	19.0	36.0	41.0	1	MMK37.5 686K63R03L4 TRAY
82	R06	21.0	38.0	41.0	1	MMK37.5 826K63R06L4 TRAY
<b>100 VDC/63 VAC</b>						
<b>LEAD SPACING 5 MM</b>						
0.0010	J01	2.5	6.5	7.2	30	MMK5 102K100J01L4 BULK
0.0012	J01	2.5	6.5	7.2	30	MMK5 122K100J01L4 BULK
0.0015	J01	2.5	6.5	7.2	30	MMK5 152K100J01L4 BULK
0.0018	J01	2.5	6.5	7.2	30	MMK5 182K100J01L4 BULK
0.0022	J01	2.5	6.5	7.2	30	MMK5 222K100J01L4 BULK
0.0027	J01	2.5	6.5	7.2	30	MMK5 272K100J01L4 BULK
0.0033	J01	2.5	6.5	7.2	30	MMK5 332K100J01L4 BULK
0.0039	J01	2.5	6.5	7.2	30	MMK5 392K100J01L4 BULK
0.0047	J01	2.5	6.5	7.2	30	MMK5 472K100J01L4 BULK
0.0056	J01	2.5	6.5	7.2	30	MMK5 562K100J01L4 BULK
0.0068	J01	2.5	6.5	7.2	30	MMK5 682K100J01L4 BULK
0.0082	J01	2.5	6.5	7.2	30	MMK5 822K100J01L4 BULK
0.010	J01	2.5	6.5	7.2	30	MMK5 103K100J01L4 BULK
0.012	J01	2.5	6.5	7.2	30	MMK5 123K100J01L4 BULK
0.015	J01	2.5	6.5	7.2	30	MMK5 153K100J01L4 BULK
0.018	J01	2.5	6.5	7.2	30	MMK5 183K100J01L4 BULK
0.022	J01	2.5	6.5	7.2	30	MMK5 223K100J01L4 BULK
0.027	J01	2.5	6.5	7.2	30	MMK5 273K100J01L4 BULK
0.033	J01	2.5	6.5	7.2	30	MMK5 333K100J01L4 BULK
0.039	J01	2.5	6.5	7.2	30	MMK5 393K100J01L4 BULK
0.047	J01	2.5	6.5	7.2	30	MMK5 473K100J01L4 BULK
0.056	J01	2.5	6.5	7.2	30	MMK5 563K100J01L4 BULK
0.068	J01	2.5	6.5	7.2	30	MMK5 683K100J01L4 BULK
0.082	J01	2.5	6.5	7.2	30	MMK5 823K100J01L4 BULK
0.10	J01	2.5	6.5	7.2	30	MMK5 104K100J01L4 BULK
0.12	J02	3.5	8.0	7.2	30	MMK5 124K100J02L4 BULK
0.15	J02	3.5	8.0	7.2	30	MMK5 154K100J02L4 BULK
0.18	J02	3.5	8.0	7.2	30	MMK5 184K100J02L4 BULK
0.22	J02	3.5	8.0	7.2	30	MMK5 224K100J02L4 BULK
0.27	J03	4.5	9.0	7.2	30	MMK5 274K100J03L4 BULK
0.33	J03	4.5	9.0	7.2	30	MMK5 334K100J03L4 BULK
0.39	J04	5.0	10.0	7.2	30	MMK5 394K100J04L4 BULK
0.47	J04	5.0	10.0	7.2	30	MMK5 474K100J04L4 BULK
0.56	J05	6.0	11.0	7.2	30	MMK5 564K100J05L4 BULK
0.68	J05	6.0	11.0	7.2	30	MMK5 684K100J05L4 BULK
0.82	J06	7.2	13.0	7.2	30	MMK5 824K100J06L4 BULK
1.0	J06	7.2	13.0	7.2	30	MMK5 105K100J06L4 BULK
<b>LEAD SPACING 7.5 MM</b>						
0.0010	K00	2.5	6.0	10.0	20	MMK7.5 102K100K00L4 BULK
0.0012	K00	2.5	6.0	10.0	20	MMK7.5 122K100K00L4 BULK
0.0015	K00	2.5	6.0	10.0	20	MMK7.5 152K100K00L4 BULK
0.0018	K00	2.5	6.0	10.0	20	MMK7.5 182K100K00L4 BULK
0.0022	K00	2.5	6.0	10.0	20	MMK7.5 222K100K00L4 BULK
0.0027	K00	2.5	6.0	10.0	20	MMK7.5 272K100K00L4 BULK
0.0033	K00	2.5	6.0	10.0	20	MMK7.5 332K100K00L4 BULK
0.0039	K00	2.5	6.0	10.0	20	MMK7.5 392K100K00L4 BULK
0.0047	K00	2.5	6.0	10.0	20	MMK7.5 472K100K00L4 BULK
0.0056	K00	2.5	6.0	10.0	20	MMK7.5 562K100K00L4 BULK











ARTICLE TABLE

Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code
		B	H	L		
<b>630 VDC/220 VAC</b>						
<b>LEAD SPACING 7.5 MM</b>						
0.0010	K00	2.5	6.0	10.0	60	MMK7.5 102K630K00L4 BULK
0.0012	K00	2.5	6.0	10.0	60	MMK7.5 122K630K00L4 BULK
0.0015	K00	2.5	6.0	10.0	60	MMK7.5 152K630K00L4 BULK
0.0018	K00	2.5	6.0	10.0	60	MMK7.5 182K630K00L4 BULK
0.0022	K00	2.5	6.0	10.0	60	MMK7.5 222K630K00L4 BULK
0.0027	K00	2.5	6.0	10.0	60	MMK7.5 272K630K00L4 BULK
0.0033	K00	2.5	6.0	10.0	60	MMK7.5 332K630K00L4 BULK
0.0039	K00	2.5	6.0	10.0	60	MMK7.5 392K630K00L4 BULK
0.0047	K01	4.0	8.0	10.0	60	MMK7.5 472K630K01L4 BULK
0.0056	K01	4.0	8.0	10.0	60	MMK7.5 562K630K01L4 BULK
0.0068	K01	4.0	8.0	10.0	60	MMK7.5 682K630K01L4 BULK
0.0082	K01	4.0	8.0	10.0	60	MMK7.5 822K630K01L4 BULK
0.010	K01	4.0	8.0	10.0	60	MMK7.5 103K630K01L4 BULK
0.012	K01	4.0	8.0	10.0	60	MMK7.5 123K630K01L4 BULK
0.015	K03	5.0	11.0	10.0	60	MMK7.5 153K630K03L4 BULK
0.018	K03	5.0	11.0	10.0	60	MMK7.5 183K630K03L4 BULK
0.022	K03	5.0	11.0	10.0	60	MMK7.5 223K630K03L4 BULK
0.027	K03	5.0	11.0	10.0	60	MMK7.5 273K630K03L4 BULK
0.033	K04	6.0	12.0	10.5	60	MMK7.5 333K630K04L4 BULK
0.039	K04	6.0	12.0	10.5	60	MMK7.5 393K630K04L4 BULK

<b>LEAD SPACING 10 MM</b>						
0.0010	A01	4.0	9.0	13.0	40	MMK10 102K630A01L4 BULK
0.0012	A01	4.0	9.0	13.0	40	MMK10 122K630A01L4 BULK
0.0015	A01	4.0	9.0	13.0	40	MMK10 152K630A01L4 BULK
0.0018	A01	4.0	9.0	13.0	40	MMK10 182K630A01L4 BULK
0.0022	A01	4.0	9.0	13.0	40	MMK10 222K630A01L4 BULK
0.0027	A01	4.0	9.0	13.0	40	MMK10 272K630A01L4 BULK
0.0033	A01	4.0	9.0	13.0	40	MMK10 332K630A01L4 BULK
0.0039	A01	4.0	9.0	13.0	40	MMK10 392K630A01L4 BULK
0.0047	A01	4.0	9.0	13.0	40	MMK10 472K630A01L4 BULK
0.0056	A01	4.0	9.0	13.0	40	MMK10 562K630A01L4 BULK
0.0068	A01	4.0	9.0	13.0	40	MMK10 682K630A01L4 BULK
0.0078	A01	4.0	9.0	13.0	40	MMK10 782K630A01L4 BULK
0.0082	A01	4.0	9.0	13.0	40	MMK10 822K630A01L4 BULK
0.010	A01	4.0	9.0	13.0	40	MMK10 103K630A01L4 BULK
0.012	A01	4.0	9.0	13.0	40	MMK10 123K630A01L4 BULK
0.015	A01	4.0	9.0	13.0	40	MMK10 153K630A01L4 BULK
0.018	A01	4.0	9.0	13.0	40	MMK10 183K630A01L4 BULK
0.022	A01	4.0	9.0	13.0	40	MMK10 223K630A01L4 BULK
0.027	A02	4.5	10.5	13.0	40	MMK10 273K630A02L4 BULK
0.033	A02	4.5	10.5	13.0	40	MMK10 333K630A02L4 BULK
0.039	A03	5.0	11.0	13.0	40	MMK10 393K630A03L4 BULK
0.047	A04	6.0	12.0	13.0	40	MMK10 473K630A04L4 BULK
0.056	A04	6.0	12.0	13.0	40	MMK10 563K630A04L4 BULK

<b>LEAD SPACING 15 MM</b>						
0.027	B04	5.5	10.5	18.0	25	MMK15 273K630B04L4 BULK
0.033	B04	5.5	10.5	18.0	25	MMK15 333K630B04L4 BULK
0.039	B04	5.5	10.5	18.0	25	MMK15 393K630B04L4 BULK
0.047	B04	5.5	10.5	18.0	25	MMK15 473K630B04L4 BULK
0.056	B04	5.5	10.5	18.0	25	MMK15 563K630B04L4 BULK
0.068	B05	5.5	12.5	18.0	25	MMK15 683K630B05L4 BULK
0.082	B10	6.5	12.5	18.0	25	MMK15 823K630B10L4 BULK
0.10	B10	6.5	12.5	18.0	25	MMK15 104K630B10L4 BULK
0.12	B06	7.5	14.5	18.0	25	MMK15 124K630B06L4 BULK

Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code
		B	H	L		
<b>630 VDC/220 VAC</b>						
<b>LEAD SPACING 15 MM</b>						
0.15	B06	7.5	14.5	18.0	25	MMK15 154K630B06L4 BULK
0.18	B12	8.0	15.0	18.0	25	MMK15 184K630B12L4 BULK
0.22	B14	9.5	17.5	18.0	25	MMK15 224K630B14L4 BULK
<b>LEAD SPACING 22.5 MM</b>						
0.082	D13	6.5	14.5	26.0	12	MMK22.5 823K630D13L4 TRAY
0.10	D13	6.5	14.5	26.0	12	MMK22.5 104K630D13L4 TRAY
0.12	D13	6.5	14.5	26.0	12	MMK22.5 124K630D13L4 TRAY
0.15	D13	6.5	14.5	26.0	12	MMK22.5 154K630D13L4 TRAY
0.18	D17	7.0	16.5	26.0	12	MMK22.5 184K630D17L4 TRAY
0.22	D17	7.0	16.5	26.0	12	MMK22.5 224K630D17L4 TRAY
0.27	D14	8.0	16.0	26.0	12	MMK22.5 274K630D14L4 TRAY
0.33	D15	9.0	18.5	26.0	12	MMK22.5 334K630D15L4 TRAY
0.39	D18	10.5	19.0	26.0	12	MMK22.5 394K630D18L4 TRAY
0.47	D16	11.0	21.5	26.0	12	MMK22.5 474K630D16L4 TRAY
0.56	D20	13.5	23.0	26.0	12	MMK22.5 564K630D20L4 TRAY
0.68	D20	13.5	23.0	26.0	12	MMK22.5 684K630D20L4 TRAY
0.82	D19	15.5	24.5	26.0	12	MMK22.5 824K630D19L4 TRAY

<b>LEAD SPACING 27.5 MM</b>						
0.33	F11	10.5	20.5	31.5	10	MMK27.5 334K630F11L4 TRAY
0.39	F11	10.5	20.5	31.5	10	MMK27.5 394K630F11L4 TRAY
0.47	F11	10.5	20.5	31.5	10	MMK27.5 474K630F11L4 TRAY
0.56	F11	10.5	20.5	31.5	10	MMK27.5 564K630F11L4 TRAY
0.56	F17	21.0	12.5	31.5	10	MMK27.5 564K630F17L4 TRAY
0.68	F12	11.5	22.5	31.5	10	MMK27.5 684K630F12L4 TRAY
0.82	F03	13.5	23.0	31.5	10	MMK27.5 824K630F03L4 TRAY
1.0	F13	14.5	24.5	31.5	10	MMK27.5 105K630F13L4 TRAY
1.2	F14	17.5	28.0	31.5	10	MMK27.5 125K630F14L4 TRAY
1.5	F14	17.5	28.0	31.5	10	MMK27.5 155K630F14L4 TRAY
1.5	F19	27.5	16.0	31.5	10	MMK27.5 155K630F19L4 TRAY
1.8	F15	19.0	29.0	31.5	10	MMK27.5 185K630F15L4 TRAY
2.2	F16	21.0	30.0	31.5	10	MMK27.5 225K630F16L4 TRAY
2.2	F18	31.0	19.0	31.5	10	MMK27.5 225K630F18L4 TRAY

<b>LEAD SPACING 37.5 MM</b>						
0.82	R05	13.0	24.0	41.0	8	MMK37.5 824K630R05L4 TRAY
1.0	R05	13.0	24.0	41.0	8	MMK37.5 105K630R05L4 TRAY
1.2	R05	13.0	24.0	41.0	8	MMK37.5 125K630R05L4 TRAY
1.5	R04	15.0	26.0	41.0	8	MMK37.5 155K630R04L4 TRAY
1.8	R04	15.0	26.0	41.0	8	MMK37.5 185K630R04L4 TRAY
2.2	R02	16.5	32.0	41.0	8	MMK37.5 225K630R02L4 TRAY
2.7	R03	19.0	36.0	41.0	8	MMK37.5 275K630R03L4 TRAY
3.3	R03	19.0	36.0	41.0	8	MMK37.5 335K630R03L4 TRAY
3.9	R06	21.0	38.0	41.0	8	MMK37.5 395K630R06L4 TRAY
4.7	R06	21.0	38.0	41.0	8	MMK37.5 475K630R06L4 TRAY
5.6	R08	28.0	43.0	41.0	8	MMK37.5 565K630R08L4 TRAY
6.8	R08	28.0	43.0	41.0	8	MMK37.5 685K630R08L4 TRAY

## ARTICLE TABLE

Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code	Capacitance µF	Box code	Max dimensions in mm			Max dU/dt V/µs	Article code		
		B	H	L					B	H	L				
<b>1000 VDC/250 VAC</b>						<b>1000 VDC/250 VAC</b>									
<b>LEAD SPACING 5 MM</b>						<b>LEAD SPACING 15 MM</b>									
0.0010	J01	2.5	6.5	7.2	100	MMK5 102K1000J01L4	BULK	0.018	B04	5.5	10.5	18.0	30	MMK15 183K1000B04L4	BULK
0.0012	J02	3.5	8.0	7.2	100	MMK5 122K1000J02L4	BULK	0.022	B04	5.5	10.5	18.0	30	MMK15 223K1000B04L4	BULK
0.0015	J02	3.5	8.0	7.2	100	MMK5 152K1000J02L4	BULK	0.027	B05	5.5	12.5	18.0	30	MMK15 273K1000B05L4	BULK
0.0018	J02	3.5	8.0	7.2	100	MMK5 182K1000J02L4	BULK	0.033	B10	6.5	12.5	18.0	30	MMK15 333K1000B10L4	BULK
0.0022	J02	3.5	8.0	7.2	100	MMK5 222K1000J02L4	BULK	0.039	B10	6.5	12.5	18.0	30	MMK15 393K1000B10L4	BULK
0.0027	J02	3.5	8.0	7.2	100	MMK5 272K1000J02L4	BULK	0.047	B06	7.5	14.5	18.0	30	MMK15 473K1000B06L4	BULK
0.0033	J02	3.5	8.0	7.2	100	MMK5 332K1000J02L4	BULK	0.056	B06	7.5	14.5	18.0	30	MMK15 563K1000B06L4	BULK
0.0039	J03	4.5	9.0	7.2	100	MMK5 392K1000J03L4	BULK	0.068	B11	8.5	16.0	18.0	30	MMK15 683K1000B11L4	BULK
0.0047	J03	4.5	9.0	7.2	100	MMK5 472K1000J03L4	BULK	0.082	B14	9.5	17.5	18.0	30	MMK15 823K1000B14L4	BULK
0.0056	J03	4.5	9.0	7.2	100	MMK5 562K1000J03L4	BULK	0.10	B14	9.5	17.5	18.0	30	MMK15 104K1000B14L4	BULK
0.0068	J04	5.0	10.0	7.2	100	MMK5 682K1000J04L4	BULK	<b>LEAD SPACING 22.5 MM</b>							
0.0082	J05	6.0	11.0	7.2	100	MMK5 822K1000J05L4	BULK	0.033	D13	6.5	14.5	26.0	15	MMK22.5 333K1000D13L4	TRAY
0.010	J05	6.0	11.0	7.2	100	MMK5 103K1000J05L4	BULK	0.039	D13	6.5	14.5	26.0	15	MMK22.5 393K1000D13L4	TRAY
0.012	J06	7.2	13.0	7.2	100	MMK5 123K1000J06L4	BULK	0.047	D13	6.5	14.5	26.0	15	MMK22.5 473K1000D13L4	TRAY
0.015	J06	7.2	13.0	7.2	100	MMK5 153K1000J06L4	BULK	0.056	D13	6.5	14.5	26.0	15	MMK22.5 563K1000D13L4	TRAY
<b>LEAD SPACING 7.5 MM</b>						<b>LEAD SPACING 27.5 MM</b>									
0.0010	K00	2.5	6.0	10.0	80	MMK7.5 102K1000K00L4	BULK	0.082	D13	6.5	14.5	26.0	15	MMK22.5 823K1000D13L4	TRAY
0.0012	K00	2.5	6.0	10.0	80	MMK7.5 122K1000K00L4	BULK	0.10	D13	6.5	14.5	26.0	15	MMK22.5 104K1000D13L4	TRAY
0.0015	K00	2.5	6.0	10.0	80	MMK7.5 152K1000K00L4	BULK	0.12	D17	7.0	16.5	26.0	15	MMK22.5 124K1000D17L4	TRAY
0.0015	K01	4.0	8.0	10.0	80	MMK7.5 152K1000K01L4	BULK	0.15	D17	7.0	16.5	26.0	15	MMK22.5 154K1000D17L4	TRAY
0.0018	K01	4.0	8.0	10.0	80	MMK7.5 182K1000K01L4	BULK	0.18	D14	8.0	16.0	26.0	15	MMK22.5 184K1000D14L4	TRAY
0.0022	K01	4.0	8.0	10.0	80	MMK7.5 222K1000K01L4	BULK	0.22	D15	9.0	18.5	26.0	15	MMK22.5 224K1000D15L4	TRAY
0.0027	K01	4.0	8.0	10.0	80	MMK7.5 272K1000K01L4	BULK	0.27	D18	10.5	19.0	26.0	15	MMK22.5 274K1000D18L4	TRAY
0.0033	K01	4.0	8.0	10.0	80	MMK7.5 332K1000K01L4	BULK	0.33	D16	11.0	21.5	26.0	15	MMK22.5 334K1000D16L4	TRAY
0.0039	K01	4.0	8.0	10.0	80	MMK7.5 392K1000K01L4	BULK	0.39	D20	13.5	23.0	26.0	15	MMK22.5 394K1000D20L4	TRAY
0.0047	K01	4.0	8.0	10.0	80	MMK7.5 472K1000K01L4	BULK	0.47	D20	13.5	23.0	26.0	15	MMK22.5 474K1000D20L4	TRAY
0.0056	K01	4.0	8.0	10.0	80	MMK7.5 562K1000K01L4	BULK	0.56	D19	15.5	24.5	26.0	15	MMK22.5 564K1000D19L4	TRAY
0.0068	K03	5.0	11.0	10.0	80	MMK7.5 682K1000K03L4	BULK	<b>LEAD SPACING 10 MM</b>							
0.0082	K03	5.0	11.0	10.0	80	MMK7.5 822K1000K03L4	BULK	0.0010	A01	4.0	9.0	13.0	60	MMK10 102K1000A01L4	BULK
0.010	K03	5.0	11.0	10.0	80	MMK7.5 103K1000K03L4	BULK	0.0012	A01	4.0	9.0	13.0	60	MMK10 122K1000A01L4	BULK
0.012	K03	5.0	11.0	10.0	80	MMK7.5 123K1000K03L4	BULK	0.0015	A01	4.0	9.0	13.0	60	MMK10 152K1000A01L4	BULK
0.015	K04	6.0	12.0	10.5	80	MMK7.5 153K1000K04L4	BULK	0.0018	A01	4.0	9.0	13.0	60	MMK10 182K1000A01L4	BULK
0.018	K04	6.0	12.0	10.5	80	MMK7.5 183K1000K04L4	BULK	0.0022	A01	4.0	9.0	13.0	60	MMK10 222K1000A01L4	BULK
<b>LEAD SPACING 10 MM</b>						<b>LEAD SPACING 15 MM</b>									
0.0010	A01	4.0	9.0	13.0	60	MMK10 102K1000A01L4	BULK	0.0082	B04	5.5	10.5	18.0	30	MMK15 822K1000B04L4	BULK
0.0012	A01	4.0	9.0	13.0	60	MMK10 122K1000A01L4	BULK	0.010	B04	5.5	10.5	18.0	30	MMK15 103K1000B04L4	BULK
0.0015	A01	4.0	9.0	13.0	60	MMK10 152K1000A01L4	BULK	0.012	B04	5.5	10.5	18.0	30	MMK15 123K1000B04L4	BULK
0.0018	A01	4.0	9.0	13.0	60	MMK10 182K1000A01L4	BULK	0.015	B04	5.5	10.5	18.0	30	MMK15 153K1000B04L4	BULK
0.0022	A01	4.0	9.0	13.0	60	MMK10 222K1000A01L4	BULK	<b>LEAD SPACING 37.5 MM</b>							
0.0027	A01	4.0	9.0	13.0	60	MMK10 272K1000A01L4	BULK	0.68	R05	13.0	24.0	41.0	10	MMK37.5 684K1000R05L4	TRAY
0.0033	A01	4.0	9.0	13.0	60	MMK10 332K1000A01L4	BULK	0.82	R05	13.0	24.0	41.0	10	MMK37.5 824K1000R05L4	TRAY
0.0039	A01	4.0	9.0	13.0	60	MMK10 392K1000A01L4	BULK	1.0	R04	15.0	26.0	41.0	10	MMK37.5 105K1000R04L4	TRAY
0.0047	A01	4.0	9.0	13.0	60	MMK10 472K1000A01L4	BULK	1.2	R04	15.0	26.0	41.0	10	MMK37.5 125K1000R04L4	TRAY
0.0056	A01	4.0	9.0	13.0	60	MMK10 562K1000A01L4	BULK	1.5	R02	16.5	32.0	41.0	10	MMK37.5 155K1000R02L4	TRAY
0.0068	A01	4.0	9.0	13.0	60	MMK10 682K1000A01L4	BULK	1.8	R02	16.5	32.0	41.0	10	MMK37.5 185K1000R02L4	TRAY
0.0082	A01	4.0	9.0	13.0	60	MMK10 822K1000A01L4	BULK	2.2	R03	19.0	36.0	41.0	10	MMK37.5 225K1000R03L4	TRAY
0.010	A02	4.5	10.5	13.0	60	MMK10 103K1000A02L4	BULK	2.7	R06	21.0	38.0	41.0	10	MMK37.5 275K1000R06L4	TRAY
0.012	A02	4.5	10.5	13.0	60	MMK10 123K1000A02L4	BULK	3.3	R08	28.0	43.0	41.0	10	MMK37.5 335K1000R08L4	TRAY
0.015	A03	5.0	11.0	13.0	60	MMK10 153K1000A03L4	BULK	3.9	R08	28.0	43.0	41.0	10	MMK37.5 395K1000R08L4	TRAY
0.018	A04	6.0	12.0	13.0	60	MMK10 183K1000A04L4	BULK	4.7	R08	28.0	43.0	41.0	10	MMK37.5 475K1000R08L4	TRAY
0.022	A04	6.0	12.0	13.0	60	MMK10 223K1000A04L4	BULK								