

HMKP21

Metallized polypropylene film capacitor



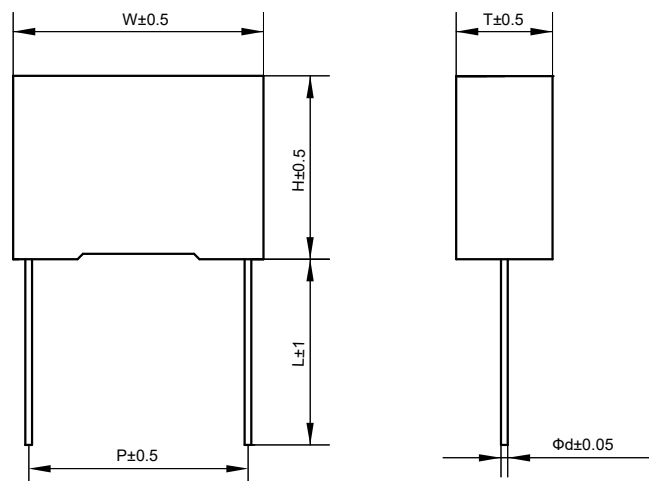
Features

- Metallized polypropylene film
- Low loss at high frequency
- Small inherent temperature rise
- Plastic case (UL94V-0),epoxy resin sealing

Typical Applications

- Widely used in high frequency,DC,AC and pulse-circuits
- Applied to S-correction of TV sets and monitors

Outline Drawing



Specifications

Reference standard	GB/T10190 (IEC 60384-16)					
Climatic category	55/105/56					
Operating temperature range	-55℃~105℃(+85℃~+105℃:decreasing factor 1.25% per℃ for U _R)					
Rated temperature	85℃					
Rated voltage	160Vd.c.(90Va.c.),250Vd.c.(160Va.c.),400Vd.c.(220Va.c.),630Vd.c.(250Va.c.), 1000Vd.c.(400Va.c.),1600Vd.c.(600Va.c.),2000Vd.c.(700Va.c.)					
Capacitance range	0.00056μF~15μF					
Capacitance tolerance	±2%(G), ±3%(H), ±5%(J), ±10%(K), ±20%(M) (20℃±5℃, 1kHz)					
Voltage proof	1.6U _R (5s)					
Dissipation factor	≤0.0010 (1kHz, 20℃)					
Insulation resistance	≥100000MΩ,C _N ≤0.33μF ≥30000s,C _N >0.33μF			(20℃,100Vd.c,1min)		
Max. Pulse Rise Time: If the working voltage(U) is lower than the rate voltage (U _R), the capacitor can be worked at high dV/dt condition. In this case, the maximum allowed dV/dt is obtained by multiplying the right value with U _R /U.	U _R (V)	dV/dt(V/μs)				
		P=7.5mm	P=10.0mm	P=15.0mm	P=22.5mm	P=27.5mm
	160	310	190	110	65	55
	250	660	560	310	130	110
	400	900	780	600	300	130
	630	1500	1200	900	400	200
	1000	----	2200	2000	800	----
	1600	----	----	4500	1800	----
	2000	----	----	9500	4500	----

Ordering Information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
H	M	K	P	2	1	/													(x	x	x)
Series code						DC rated voltage		Rated capacitance value	Capacitance tolerance	Pitch	Internal code	lead form and packaging code				Internal code							
						2C=160V 2E=250V 2G=400V 2J=630V 3A=1000V 3C=1600V 3D=2000V		For example: 334=33×10 ⁴ pF =0.33μF	J=±5% K=±10% M=±20%		0(Standard part) Other figures (specially designed part)	See table 1				To identify when the special requirements needed							
										3=7.5mm 4=10mm 6=15mm 9=22.5mm B=27.5mm													

Table 1: Terminal Code and Packing Code

Digit 16		Digit 17		Digit 18		Digit 19	
Code	explanation	Code	explanation	Code	explanation	Code	explanation
A	ammo-pack	3	P=7.5mm	0	straight	1	Between two consecutive mounting holes P=12.7mm,H=18.0mm(For pitch=7.5mm)
		4	P=10.0mm			5	P=25.4mm, H=18.0mm (For pitch=10/15mm)
		6	P=15.0mm				
C	straight lead	00	standard lead length (18mm~28mm)			0	length tolerance ±0.5mm or standard length
		35	lead length 3.5mm				

Outline Dimensions

160Vd.c. (90Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.068	10.0	9.0	4.0	7.5	0.6	HMKP21/2C683-30****	0.68	18.0	13.5	7.5	15.0	0.8	HMKP21/2C684-60****
0.082	10.0	9.0	4.0	7.5	0.6	HMKP21/2C823-30****	0.82	18.0	14.5	8.5	15.0	0.8	HMKP21/2C824-60****
0.1	10.0	11.0	5.0	7.5	0.6	HMKP21/2C104-30****	1.0	18.0	16.0	10.0	15.0	0.8	HMKP21/2C105-60****
0.12	10.0	11.0	5.0	7.5	0.6	HMKP21/2C124-30****	1.2	18.0	16.0	10.0	15.0	0.8	HMKP21/2C125-60****
0.15	10.0	12.0	6.0	7.5	0.6	HMKP21/2C154-30****	1.5	18.0	19.0	11.0	15.0	0.8	HMKP21/2C155-60****
0.18	10.0	12.0	6.0	7.5	0.6	HMKP21/2C184-30****	1.8	18.0	19.0	11.0	15.0	0.8	HMKP21/2C185-60****
0.082	13.0	9.0	4.0	10.0	0.6	HMKP21/2C823-40****	0.47	26.5	15.0	6.0	22.5	0.8	HMKP21/2C474-90****
0.1	13.0	9.0	4.0	10.0	0.6	HMKP21/2C104-40****	0.56	26.5	15.0	6.0	22.5	0.8	HMKP21/2C564-90****
0.12	13.0	11.0	5.0	10.0	0.6	HMKP21/2C124-40****	0.68	26.5	15.0	6.0	22.5	0.8	HMKP21/2C684-90****
0.15	13.0	11.0	5.0	10.0	0.6	HMKP21/2C154-40****	0.82	26.5	16.0	7.0	22.5	0.8	HMKP21/2C824-90****
0.18	13.0	11.0	5.0	10.0	0.6	HMKP21/2C184-40****	1.0	26.5	16.0	7.0	22.5	0.8	HMKP21/2C105-90****
0.22	13.0	12.0	6.0	10.0	0.6	HMKP21/2C224-40****	1.2	26.5	17.0	8.5	22.5	0.8	HMKP21/2C125-90****
0.27	13.0	12.0	6.0	10.0	0.6	HMKP21/2C274-40****	1.5	26.5	17.0	8.5	22.5	0.8	HMKP21/2C155-90****
0.18	18.0	11.0	5.0	15.0	0.8	HMKP21/2C184-60****	1.8	26.5	19.0	10.0	22.5	0.8	HMKP21/2C185-90****
0.22	18.0	11.0	5.0	15.0	0.8	HMKP21/2C224-60****	2.2	26.5	20.0	11.0	22.5	0.8	HMKP21/2C225-90****
0.27	18.0	11.0	5.0	15.0	0.8	HMKP21/2C274-60****	2.7	26.5	22.0	12.0	22.5	0.8	HMKP21/2C275-90****
0.33	18.0	11.0	5.0	15.0	0.8	HMKP21/2C334-60****	3.3	26.5	22.0	12.0	22.5	0.8	HMKP21/2C335-90****
0.39	18.0	12.0	6.0	15.0	0.8	HMKP21/2C394-60****	1.0	32.0	18.0	9.0	27.5	0.8	HMKP21/2C105-B0****
0.47	18.0	12.0	6.0	15.0	0.8	HMKP21/2C474-60****	1.2	32.0	18.0	9.0	27.5	0.8	HMKP21/2C125-B0****
0.56	18.0	13.5	7.5	15.0	0.8	HMKP21/2C564-60****	1.5	32.0	18.0	9.0	27.5	0.8	HMKP21/2C155-B0****

Notes: (1)“-”=capacitance tolerance code, G= $\pm 2\%$, H= $\pm 3\%$, J= $\pm 5\%$, K= $\pm 10\%$, M= $\pm 20\%$;
 (2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

160Vd.c. (90Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
1.8	32.0	18.0	9.0	27.5	0.8	HMKP21/2C185-B0****	5.6	32.0	24.5	15.0	27.5	0.8	HMKP21/2C565-B0****
2.2	32.0	18.0	9.0	27.5	0.8	HMKP21/2C225-B0****	6.8	32.0	33.0	18.0	27.5	0.8	HMKP21/2C685-B0****
2.7	32.0	20.0	11.0	27.5	0.8	HMKP21/2C275-B0****	8.2	32.0	33.0	18.0	27.5	0.8	HMKP21/2C825-B0****
3.3	32.0	20.0	11.0	27.5	0.8	HMKP21/2C335-B0****	10.0	32.0	33.0	18.0	27.5	0.8	HMKP21/2C106-B0****
3.9	32.0	22.0	13.0	27.5	0.8	HMKP21/2C395-B0****	12.0	32.0	37.0	22.0	27.5	0.8	HMKP21/2C126-B0****
4.7	32.0	28.0	14.0	27.5	0.8	HMKP21/2C475-B0****	15.0	32.0	37.0	22.0	27.5	0.8	HMKP21/2C156-B0****
250Vd.c. (160Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.027	10.0	9.0	4.0	7.5	0.6	HMKP21/2E273-30****	0.22	13.0	12.0	6.0	10.0	0.6	HMKP21/2E224-40****
0.033	10.0	9.0	4.0	7.5	0.6	HMKP21/2E333-30****	0.10	18.0	11.0	5.0	15.0	0.8	HMKP21/2E104-60****
0.039	10.0	9.0	4.0	7.5	0.6	HMKP21/2E393-30****	0.12	18.0	11.0	5.0	15.0	0.8	HMKP21/2E124-60****
0.047	10.0	9.0	4.0	7.5	0.6	HMKP21/2E473-30****	0.15	18.0	11.0	5.0	15.0	0.8	HMKP21/2E154-60****
0.056	10.0	9.0	4.0	7.5	0.6	HMKP21/2E563-30****	0.18	18.0	11.0	5.0	15.0	0.8	HMKP21/2E184-60****
0.068	10.0	9.0	4.0	7.5	0.6	HMKP21/2E683-30****	0.22	18.0	11.0	5.0	15.0	0.8	HMKP21/2E224-60****
0.082	10.0	11.0	5.0	7.5	0.6	HMKP21/2E823-30****	0.27	18.0	12.0	6.0	15.0	0.8	HMKP21/2E274-60****
0.10	10.0	11.0	5.0	7.5	0.6	HMKP21/2E104-30****	0.33	18.0	12.0	6.0	15.0	0.8	HMKP21/2E334-60****
0.12	10.0	11.0	5.0	7.5	0.6	HMKP21/2E124-30****	0.39	18.0	13.5	7.5	15.0	0.8	HMKP21/2E394-60****
0.15	10.0	12.0	6.0	7.5	0.6	HMKP21/2E154-30****	0.47	18.0	13.5	7.5	15.0	0.8	HMKP21/2E474-60****
0.18	10.0	12.0	6.0	7.5	0.6	HMKP21/2E184-30****	0.56	18.0	13.5	7.5	15.0	0.8	HMKP21/2E564-60****
0.033	13.0	9.0	4.0	10.0	0.6	HMKP21/2E333-40****	0.68	18.0	14.5	8.5	15.0	0.8	HMKP21/2E684-60****
0.039	13.0	9.0	4.0	10.0	0.6	HMKP21/2E393-40****	0.82	18.0	16.0	10.0	15.0	0.8	HMKP21/2E824-60****
0.047	13.0	9.0	4.0	10.0	0.6	HMKP21/2E473-40****	1.0	18.0	16.0	10.0	15.0	0.8	HMKP21/2E105-60****
0.056	13.0	9.0	4.0	10.0	0.6	HMKP21/2E563-40****	1.2	18.0	19.0	11.0	15.0	0.8	HMKP21/2E125-60****
0.068	13.0	9.0	4.0	10.0	0.6	HMKP21/2E683-40****	0.39	26.5	15.0	6.0	22.5	0.8	HMKP21/2E394-90****
0.082	13.0	9.0	4.0	10.0	0.6	HMKP21/2E823-40****	0.47	26.5	15.0	6.0	22.5	0.8	HMKP21/2E474-90****
0.10	13.0	11.0	5.0	10.0	0.6	HMKP21/2E104-40****	0.56	26.5	15.0	6.0	22.5	0.8	HMKP21/2E564-90****
0.12	13.0	11.0	5.0	10.0	0.6	HMKP21/2E124-40****	0.68	26.5	15.0	6.0	22.5	0.8	HMKP21/2E684-90****
0.15	13.0	11.0	5.0	10.0	0.6	HMKP21/2E154-40****	0.82	26.5	15.0	6.0	22.5	0.8	HMKP21/2E824-90****
0.18	13.0	12.0	6.0	10.0	0.6	HMKP21/2E184-40****	1.0	26.5	16.0	7.0	22.5	0.8	HMKP21/2E105-90****

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;
(2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

250Vd.c. (160Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
1.2	26.0	17.0	8.0	22.5	0.8	HMKP21/2E124-90****	2.7	32.0	20.0	11.0	27.5	0.8	HMKP21/2E275-B0****
1.5	26.0	17.0	8.0	22.5	0.8	HMKP21/2E154-90****	3.3	32.0	20.0	11.0	27.5	0.8	HMKP21/2E335-B0****
1.8	26.0	19.0	10.0	22.5	0.8	HMKP21/2E184-90****	3.9	32.0	22.0	13.0	27.5	0.8	HMKP21/2E395-B0****
2.2	26.0	20.0	11.0	22.5	0.8	HMKP21/2E224-90****	4.7	32.0	28.0	14.0	27.5	0.8	HMKP21/2E475-B0****
2.7	26.0	22.0	12.0	22.5	0.8	HMKP21/2E274-90****	5.6	32.0	24.5	15.0	27.5	0.8	HMKP21/2E565-B0****
0.82	32.0	18.0	9.0	27.5	0.8	HMKP21/2E824-B0****	6.8	32.0	33.0	18.0	27.5	0.8	HMKP21/2E685-B0****
1.0	32.0	18.0	9.0	27.5	0.8	HMKP21/2E105-B0****	8.2	32.0	33.0	18.0	27.5	0.8	HMKP21/2E825-B0****
1.2	32.0	18.0	9.0	27.5	0.8	HMKP21/2E125-B0****	10.0	32.0	33.0	18.0	27.5	0.8	HMKP21/2E106-B0****
1.5	32.0	18.0	9.0	27.5	0.8	HMKP21/2E155-B0****	12.0	32.0	37.0	22.0	27.5	0.8	HMKP21/2E126-B0****
1.8	32.0	18.0	9.0	27.5	0.8	HMKP21/2E185-B0****	15.0	32.0	37.0	22.0	27.5	0.8	HMKP21/2E156-B0****
2.2	32.0	18.0	9.0	27.5	0.8	HMKP21/2E225-B0****							
400Vd.c. (220Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.01	10.0	9.0	4.0	7.5	0.6	HMKP21/2G103-30****	0.039	13.0	9.0	4.0	10.0	0.6	HMKP21/2G393-40****
0.012	10.0	9.0	4.0	7.5	0.6	HMKP21/2G123-30****	0.047	13.0	11.0	5.0	10.0	0.6	HMKP21/2G473-40****
0.015	10.0	9.0	4.0	7.5	0.6	HMKP21/2G153-30****	0.056	13.0	11.0	5.0	10.0	0.6	HMKP21/2G563-40****
0.018	10.0	9.0	4.0	7.5	0.6	HMKP21/2G183-30****	0.068	13.0	11.0	5.0	10.0	0.6	HMKP21/2G683-40****
0.022	10.0	9.0	4.0	7.5	0.6	HMKP21/2G223-30****	0.082	13.0	12.0	6.0	10.0	0.6	HMKP21/2G823-40****
0.027	10.0	9.0	4.0	7.5	0.6	HMKP21/2G273-30****	0.1	13.0	12.0	6.0	10.0	0.6	HMKP21/2G104-40****
0.033	10.0	11.0	5.0	7.5	0.6	HMKP21/2G333-30****	0.068	18.0	11.0	5.0	15.0	0.8	HMKP21/2G683-60****
0.039	10.0	11.0	5.0	7.5	0.6	HMKP21/2G393-30****	0.082	18.0	11.0	5.0	15.0	0.8	HMKP21/2G823-60****
0.047	10.0	11.0	5.0	7.5	0.6	HMKP21/2G473-30****	0.1	18.0	11.0	5.0	15.0	0.8	HMKP21/2G104-60****
0.056	10.0	12.0	6.0	7.5	0.6	HMKP21/2G563-30****	0.12	18.0	11.0	5.0	15.0	0.8	HMKP21/2G124-60****
0.068	10.0	12.0	6.0	7.5	0.6	HMKP21/2G683-30****	0.15	18.0	12.0	6.0	15.0	0.8	HMKP21/2G154-60****
0.015	13.0	9.0	4.0	10.0	0.6	HMKP21/2G153-40****	0.18	18.0	12.0	6.0	15.0	0.8	HMKP21/2G184-60****
0.018	13.0	9.0	4.0	10.0	0.6	HMKP21/2G183-40****	0.22	18.0	13.0	7.0	15.0	0.8	HMKP21/2G224-60****
0.022	13.0	9.0	4.0	10.0	0.6	HMKP21/2G223-40****	0.27	18.0	13.0	7.0	15.0	0.8	HMKP21/2G274-60****
0.027	13.0	9.0	4.0	10.0	0.6	HMKP21/2G273-40****	0.33	18.0	14.5	8.5	15.0	0.8	HMKP21/2G334-60****
0.033	13.0	9.0	4.0	10.0	0.6	HMKP21/2G333-40****	0.39	18.0	16.0	10.0	15.0	0.8	HMKP21/2G394-60****

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;

(2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

400Vd.c. (220Va.c.)													
C _R (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _R (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.47	18.0	16.0	10.0	15.0	0.8	HMKP21/2G474-60****	1.5	26.5	22.0	12.0	22.5	0.8	HMKP21/2G155-90****
0.56	18.0	19.0	11.0	15.0	0.8	HMKP21/2G564-60****	0.56	32.0	18.0	9.0	27.5	0.8	HMKP21/2G564-B0****
0.68	18.0	19.0	11.0	15.0	0.8	HMKP21/2G684-60****	0.68	32.0	18.0	9.0	27.5	0.8	HMKP21/2G684-B0****
0.18	26.5	15.0	6.0	22.5	0.8	HMKP21/2G184-90****	0.82	32.0	18.0	9.0	27.5	0.8	HMKP21/2G824-B0****
0.22	26.5	15.0	6.0	22.5	0.8	HMKP21/2G224-90****	1.0	32.0	18.0	9.0	27.5	0.8	HMKP21/2G105-B0****
0.27	26.5	15.0	6.0	22.5	0.8	HMKP21/2G274-90****	1.2	32.0	20.0	11.0	27.5	0.8	HMKP21/2G125-B0****
0.33	26.5	15.0	6.0	22.5	0.8	HMKP21/2G334-90****	1.5	32.0	20.0	11.0	27.5	0.8	HMKP21/2G155-B0****
0.39	26.5	16.0	7.0	22.5	0.8	HMKP21/2G394-90****	1.8	32.0	22.0	13.0	27.5	0.8	HMKP21/2G185-B0****
0.47	26.5	16.0	7.0	22.5	0.8	HMKP21/2G474-90****	2.2	32.0	24.5	15.0	27.5	0.8	HMKP21/2G225-B0****
0.56	26.5	17.0	8.0	22.5	0.8	HMKP21/2G564-90****	2.7	32.0	28.0	14.0	27.5	0.8	HMKP21/2G275-B0****
0.68	26.5	17.0	8.0	22.5	0.8	HMKP21/2G684-90****	3.3	32.0	33.0	18.0	27.5	0.8	HMKP21/2G335-B0****
0.82	26.5	19.0	10.0	22.5	0.8	HMKP21/2G824-90****	3.9	32.0	33.0	18.0	27.5	0.8	HMKP21/2G395-B0****
1.0	26.5	20.0	11.0	22.5	0.8	HMKP21/2G105-90****	4.7	32.0	37.0	22.0	27.5	0.8	HMKP21/2G475-B0****
1.2	26.5	22.0	12.0	22.5	0.8	HMKP21/2G125-90****	5.6	32.0	37.0	22.0	27.5	0.8	HMKP21/2G565-B0****
630Vd.c. (250Va.c.)													
C _R (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _R (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	
0.001	10.0	9.0	4.0	7.5	0.6	HMKP21/2J102-30****	0.012	10.0	9.0	4.0	7.5	0.6	HMKP21/2J123-30****
0.0012	10.0	9.0	4.0	7.5	0.6	HMKP21/2J122-30****	0.015	10.0	11.0	5.0	7.5	0.6	HMKP21/2J153-30****
0.0015	10.0	9.0	4.0	7.5	0.6	HMKP21/2J152-30****	0.018	10.0	11.0	5.0	7.5	0.6	HMKP21/2J183-30****
0.0018	10.0	9.0	4.0	7.5	0.6	HMKP21/2J182-30****	0.022	10.0	11.0	5.0	7.5	0.6	HMKP21/2J223-30****
0.0022	10.0	9.0	4.0	7.5	0.6	HMKP21/2J222-30****	0.027	10.0	12.0	6.0	7.5	0.6	HMKP21/2J273-30****
0.0027	10.0	9.0	4.0	7.5	0.6	HMKP21/2J272-30****	0.033	10.0	12.0	6.0	7.5	0.6	HMKP21/2J333-30****
0.0033	10.0	9.0	4.0	7.5	0.6	HMKP21/2J332-30****	0.001	13.0	9.0	4.0	10.0	0.6	HMKP21/2J102-40****
0.0039	10.0	9.0	4.0	7.5	0.6	HMKP21/2J392-30****	0.0012	13.0	9.0	4.0	10.0	0.6	HMKP21/2J122-40****
0.0047	10.0	9.0	4.0	7.5	0.6	HMKP21/2J472-30****	0.0015	13.0	9.0	4.0	10.0	0.6	HMKP21/2J152-40****
0.0056	10.0	9.0	4.0	7.5	0.6	HMKP21/2J562-30****	0.0018	13.0	9.0	4.0	10.0	0.6	HMKP21/2J182-40****
0.0068	10.0	9.0	4.0	7.5	0.6	HMKP21/2J682-30****	0.0022	13.0	9.0	4.0	10.0	0.6	HMKP21/2J222-40****
0.0082	10.0	9.0	4.0	7.5	0.6	HMKP21/2J822-30****	0.0027	13.0	9.0	4.0	10.0	0.6	HMKP21/2J272-40****
0.01	10.0	9.0	4.0	7.5	0.6	HMKP21/2J103-30****	0.0033	13.0	9.0	4.0	10.0	0.6	HMKP21/2J332-40****

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;
 (2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

630Vd.c. (250Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.0039	13.0	9.0	4.0	10.0	0.6	HMKP21/2J392-40****	0.33	18.0	19.0	11.0	15.0	0.8	HMKP21/2J334-60****
0.0047	13.0	9.0	4.0	10.0	0.6	HMKP21/2J472-40****	0.082	26.5	15.0	6.0	22.5	0.8	HMKP21/2J823-90****
0.0056	13.0	9.0	4.0	10.0	0.6	HMKP21/2J562-40****	0.1	26.5	15.0	6.0	22.5	0.8	HMKP21/2J104-90****
0.0068	13.0	9.0	4.0	10.0	0.6	HMKP21/2J682-40****	0.12	26.5	15.0	6.0	22.5	0.8	HMKP21/2J124-90****
0.0082	13.0	9.0	4.0	10.0	0.6	HMKP21/2J822-40****	0.15	26.5	15.0	6.0	22.5	0.8	HMKP21/2J154-90****
0.010	13.0	9.0	4.0	10.0	0.6	HMKP21/2J103-40****	0.18	26.5	15.0	6.0	22.5	0.8	HMKP21/2J184-90****
0.012	13.0	9.0	4.0	10.0	0.6	HMKP21/2J123-40****	0.22	26.5	16.0	7.0	22.5	0.8	HMKP21/2J224-90****
0.015	13.0	9.0	4.0	10.0	0.6	HMKP21/2J153-40****	0.27	26.5	17.0	8.5	22.5	0.8	HMKP21/2J274-90****
0.018	13.0	9.0	4.0	10.0	0.6	HMKP21/2J183-40****	0.33	26.5	17.0	8.5	22.5	0.8	HMKP21/2J334-90****
0.022	13.0	11.0	5.0	10.0	0.6	HMKP21/2J223-40****	0.39	26.5	19.0	10.0	22.5	0.8	HMKP21/2J394-90****
0.027	13.0	11.0	5.0	10.0	0.6	HMKP21/2J273-40****	0.47	26.5	19.0	10.0	22.5	0.8	HMKP21/2J474-90****
0.033	13.0	11.0	5.0	10.0	0.6	HMKP21/2J333-40****	0.56	26.5	20.0	11.0	22.5	0.8	HMKP21/2J564-90****
0.039	13.0	12.0	6.0	10.0	0.6	HMKP21/2J393-40****	0.68	26.5	22.0	12.0	22.5	0.8	HMKP21/2J684-90****
0.047	13.0	12.0	6.0	10.0	0.6	HMKP21/2J473-40****	0.33	32.0	18.0	9.0	27.5	0.8	HMKP21/2J334-B0****
0.027	18.0	11.0	5.0	15.0	0.8	HMKP21/2J273-60****	0.39	32.0	18.0	9.0	27.5	0.8	HMKP21/2J394-B0****
0.033	18.0	11.0	5.0	15.0	0.8	HMKP21/2J333-60****	0.47	32.0	18.0	9.0	27.5	0.8	HMKP21/2J474-B0****
0.039	18.0	11.0	5.0	15.0	0.8	HMKP21/2J393-60****	0.56	32.0	20.0	11.0	27.5	0.8	HMKP21/2J564-B0****
0.047	18.0	11.0	5.0	15.0	0.8	HMKP21/2J473-60****	0.68	32.0	20.0	11.0	27.5	0.8	HMKP21/2J684-B0****
0.056	18.0	11.0	5.0	15.0	0.8	HMKP21/2J563-60****	0.82	32.0	20.0	11.0	27.5	0.8	HMKP21/2J824-B0****
0.068	18.0	12.0	6.0	15.0	0.8	HMKP21/2J683-60****	1.0	32.0	22.0	13.0	27.5	0.8	HMKP21/2J105-B0****
0.082	18.0	12.0	6.0	15.0	0.8	HMKP21/2J823-60****	1.2	32.0	24.5	15.0	27.5	0.8	HMKP21/2J125-B0****
0.1	18.0	13.5	7.5	15.0	0.8	HMKP21/2J104-60****	1.5	32.0	28.0	14.0	27.5	0.8	HMKP21/2J155-B0****
0.12	18.0	13.5	7.5	15.0	0.8	HMKP21/2J124-60****	1.8	32.0	33.0	18.0	27.5	0.8	HMKP21/2J185-B0****
0.15	18.0	13.5	7.5	15.0	0.8	HMKP21/2J154-60****	2.2	32.0	33.0	18.0	27.5	0.8	HMKP21/2J225-B0****
0.18	18.0	14.5	8.5	15.0	0.8	HMKP21/2J184-60****	2.7	32.0	37.0	22.0	27.5	0.8	HMKP21/2J275-B0****
0.22	18.0	16.0	10.0	15.0	0.8	HMKP21/2J224-60****	3.3	32.0	37.0	22.0	27.5	0.8	HMKP21/2J335-B0****
0.27	18.0	19.0	11.0	15.0	0.8	HMKP21/2J274-60****							

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;
(2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

1000Vd.c. (400Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.001	13.0	9.0	4.0	10.0	0.6	HMKP21/3A102-40****	0.012	18.0	11.0	5.0	15.0	0.8	HMKP21/3A123-60****
0.0012	13.0	9.0	4.0	10.0	0.6	HMKP21/3A122-40****	0.015	18.0	12.0	6.0	15.0	0.8	HMKP21/3A153-60****
0.0015	13.0	9.0	4.0	10.0	0.6	HMKP21/3A152-40****	0.018	18.0	12.0	6.0	15.0	0.8	HMKP21/3A183-60****
0.0018	13.0	9.0	4.0	10.0	0.6	HMKP21/3A182-40****	0.022	18.0	13.5	7.5	15.0	0.8	HMKP21/3A223-60****
0.0022	13.0	9.0	4.0	10.0	0.6	HMKP21/3A222-40****	0.027	18.0	13.5	7.5	15.0	0.8	HMKP21/3A273-60****
0.0027	13.0	9.0	4.0	10.0	0.6	HMKP21/3A272-40****	0.033	18.0	14.5	8.5	15.0	0.8	HMKP21/3A333-60****
0.0033	13.0	9.0	4.0	10.0	0.6	HMKP21/3A332-40****	0.039	18.0	16.0	10.0	15.0	0.8	HMKP21/3A393-60****
0.0039	13.0	9.0	4.0	10.0	0.6	HMKP21/3A392-40****	0.047	18.0	16.0	10.0	15.0	0.8	HMKP21/3A473-60****
0.0047	13.0	11.0	5.0	10.0	0.6	HMKP21/3A472-40****	0.056	18.0	19.0	11.0	15.0	0.8	HMKP21/3A563-60****
0.0056	13.0	11.0	5.0	10.0	0.6	HMKP21/3A562-40****	0.068	18.0	19.0	11.0	15.0	0.8	HMKP21/3A683-60****
0.0068	13.0	11.0	5.0	10.0	0.6	HMKP21/3A682-40****	0.018	26.5	15.0	6.0	22.5	0.8	HMKP21/3A183-90****
0.0082	13.0	12.0	6.0	10.0	0.6	HMKP21/3A822-40****	0.022	26.5	15.0	6.0	22.5	0.8	HMKP21/3A223-90****
0.01	13.0	12.0	6.0	10.0	0.6	HMKP21/3A103-40****	0.027	26.5	15.0	6.0	22.5	0.8	HMKP21/3A273-90****
0.0022	18.0	11.0	5.0	15.0	0.8	HMKP21/3A222-60****	0.033	26.5	15.0	6.0	22.5	0.8	HMKP21/3A333-90****
0.0027	18.0	11.0	5.0	15.0	0.8	HMKP21/3A272-60****	0.039	26.5	15.0	6.0	22.5	0.8	HMKP21/3A393-90****
0.0033	18.0	11.0	5.0	15.0	0.8	HMKP21/3A332-60****	0.047	26.5	16.0	7.0	22.5	0.8	HMKP21/3A473-90****
0.0039	18.0	11.0	5.0	15.0	0.8	HMKP21/3A392-60****	0.056	26.5	16.0	7.0	22.5	0.8	HMKP21/3A563-90****
0.0047	18.0	11.0	5.0	15.0	0.8	HMKP21/3A472-60****	0.068	26.5	17.0	8.5	22.5	0.8	HMKP21/3A683-90****
0.0056	18.0	11.0	5.0	15.0	0.8	HMKP21/3A562-60****	0.082	26.5	17.0	8.5	22.5	0.8	HMKP21/3A823-90****
0.0068	18.0	11.0	5.0	15.0	0.8	HMKP21/3A682-60****	0.1	26.5	19.0	10.0	22.5	0.8	HMKP21/3A104-90****
0.0082	18.0	11.0	5.0	15.0	0.8	HMKP21/3A822-60****	0.12	26.5	22.0	12.0	22.5	0.8	HMKP21/3A124-90****
0.01	18.0	11.0	5.0	15.0	0.8	HMKP21/3A103-60****	0.15	26.5	22.0	12.0	22.5	0.8	HMKP21/3A154-90****
1600Vd.c. (600Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.00056	18.0	11.0	5.0	15.0	0.8	HMKP21/3C561-60****	0.0012	18.0	11.0	5.0	15.0	0.8	HMKP21/3C122-60****
0.00062	18.0	11.0	5.0	15.0	0.8	HMKP21/3C621-60****	0.0015	18.0	11.0	5.0	15.0	0.8	HMKP21/3C152-60****
0.00068	18.0	11.0	5.0	15.0	0.8	HMKP21/3C681-60****	0.0018	18.0	11.0	5.0	15.0	0.8	HMKP21/3C182-60****
0.00082	18.0	11.0	5.0	15.0	0.8	HMKP21/3C821-60****	0.0022	18.0	11.0	5.0	15.0	0.8	HMKP21/3C222-60****
0.001	18.0	11.0	5.0	15.0	0.8	HMKP21/3C102-60****	0.0027	18.0	11.0	5.0	15.0	0.8	HMKP21/3C272-60****

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;

(2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

1600Vd.c. (600Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.0033	18.0	11.0	5.0	15.0	0.8	HMKP21/3C332-60****	0.033	18.0	16.0	10.0	15.0	0.8	HMKP21/3C333-60****
0.0039	18.0	11.0	5.0	15.0	0.8	HMKP21/3C392-60****	0.039	18.0	19.0	11.0	15.0	0.8	HMKP21/3C393-60****
0.0047	18.0	11.0	5.0	15.0	0.8	HMKP21/3C472-60****	0.047	18.0	19.0	11.0	15.0	0.8	HMKP21/3C473-60****
0.0056	18.0	11.0	5.0	15.0	0.8	HMKP21/3C562-60****	0.015	26.5	15.0	6.0	22.5	0.8	HMKP21/3C153-90****
0.0068	18.0	11.0	5.0	15.0	0.8	HMKP21/3C682-60****	0.018	26.5	15.0	6.0	22.5	0.8	HMKP21/3C183-90****
0.0082	18.0	12.0	6.0	15.0	0.8	HMKP21/3C822-60****	0.022	26.5	15.0	6.0	22.5	0.8	HMKP21/3C223-90****
0.01	18.0	12.0	6.0	15.0	0.8	HMKP21/3C103-60****	0.027	26.5	16.0	7.0	22.5	0.8	HMKP21/3C273-90****
0.012	18.0	12.0	6.0	15.0	0.8	HMKP21/3C123-60****	0.033	26.5	16.0	7.0	22.5	0.8	HMKP21/3C333-90****
0.015	18.0	13.5	7.5	15.0	0.8	HMKP21/3C153-60****	0.039	26.5	17.0	8.5	22.5	0.8	HMKP21/3C393-90****
0.018	18.0	13.5	7.5	15.0	0.8	HMKP21/3C183-60****	0.047	26.5	19.0	10.0	22.5	0.8	HMKP21/3C473-90****
0.022	18.0	14.5	8.5	15.0	0.8	HMKP21/3C223-60****	0.056	26.5	19.0	10.0	22.5	0.8	HMKP21/3C563-90****
0.027	18.0	16.0	10.0	15.0	0.8	HMKP21/3C273-60****	0.068	26.5	22.0	12.0	22.5	0.8	HMKP21/3C683-90****
2000Vd.c. (700Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.00056	18.0	11.0	5.0	15.0	0.8	HMKP21/3D561-60****	0.0082	18.0	13.5	7.5	15.0	0.8	HMKP21/3D822-60****
0.00062	18.0	11.0	5.0	15.0	0.8	HMKP21/3D621-60****	0.01	18.0	13.5	7.5	15.0	0.8	HMKP21/3D103-60****
0.00068	18.0	11.0	5.0	15.0	0.8	HMKP21/3D681-60****	0.012	18.0	14.5	8.5	15.0	0.8	HMKP21/3D123-60****
0.00082	18.0	11.0	5.0	15.0	0.8	HMKP21/3D821-60****	0.015	18.0	14.5	8.5	15.0	0.8	HMKP21/3D153-60****
0.001	18.0	11.0	5.0	15.0	0.8	HMKP21/3D102-60****	0.018	18.0	16.0	10.0	15.0	0.8	HMKP21/3D183-60****
0.0012	18.0	11.0	5.0	15.0	0.8	HMKP21/3D122-60****	0.022	18.0	19.0	11.0	15.0	0.8	HMKP21/3D223-60****
0.0015	18.0	11.0	5.0	15.0	0.8	HMKP21/3D152-60****	0.0068	26.0	15.0	6.0	22.5	0.8	HMKP21/3D682-90****
0.0018	18.0	11.0	5.0	15.0	0.8	HMKP21/3D182-60****	0.0082	26.5	15.0	6.0	22.5	0.8	HMKP21/3D822-90****
0.0022	18.0	11.0	5.0	15.0	0.8	HMKP21/3D222-60****	0.01	26.5	15	6.0	22.5	0.8	HMKP21/3D103-90****
0.0027	18.0	11.0	5.0	15.0	0.8	HMKP21/3D272-60****	0.012	26.5	15.0	6.0	22.5	0.8	HMKP21/3D123-90****
0.0033	18.0	11.0	5.0	15	0.8	HMKP21/3D332-60****	0.015	26.5	15.0	6.0	22.5	0.8	HMKP21/3D153-90****
0.0039	18.0	11.0	5.0	15.0	0.8	HMKP21/3D392-60****	0.018	26.5	16.0	7.0	22.5	0.8	HMKP21/3D183-90****
0.0047	18.0	11.0	5.0	15.0	0.8	HMKP21/3D472-60****	0.022	26.5	17.0	8.5	22.5	0.8	HMKP21/3D223-90****
0.0056	18.0	12.0	6.0	15.0	0.8	HMKP21/3D562-60****	0.027	26.5	17.0	8.5	22.5	0.8	HMKP21/3D273-90****
0.0068	18.0	12.0	6.0	15.0	0.8	HMKP21/3D682-60****	0.033	26.5	19.0	10.0	22.5	0.8	HMKP21/3D333-90****

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;
 (2)“****”=terminal code and packaging code (see table 1).

Outline Dimensions

2000Vd.c. (700Va.c.)													
C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information	C _N (μF)	W (mm)	H (mm)	T (mm)	P (mm)	d (mm)	Ordering Information
0.039	26.5	19.0	10.0	22.5	0.8	HMKP21/3D393-90****	0.056	26.5	22.0	12.0	22.5	0.8	HMKP21/3D563-90****
0.047	26.5	22.0	12.0	22.5	0.8	HMKP21/3D473-90****							

Notes: (1)“-”=capacitance tolerance code, G=±2%, H=±3%, J=±5%, K=±10%, M=±20%;

(2)“****”=terminal code and packaging code (see table 1).