

HMKP25

Metallized Polypropylene Film Capacitor



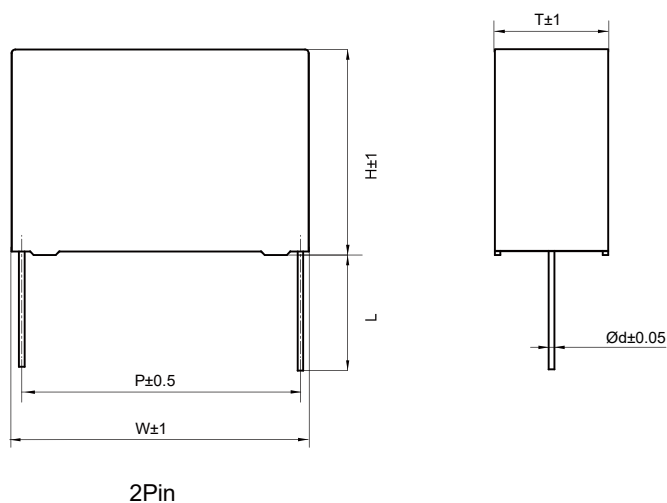
Features

- Metallized polypropylene film
- Excellent electrical characteristics
- Plastic case, filled with resin(UL 94 V-0)

Typical Applications

- Widely used in switching mode power supply(SMPS), electronic ballast and inverters application in DC-filter circuits. (i.e. DC-link, PFC)

Outline Drawing



Notes: All product dimensions are in mm.
See the Outline Dimensions table for details.

Specifications

Reference standards		IEC 60384-16,GB/T 10190								
Rated voltage	U _R	450Vd.c.,520Vd.c.,630Vd.c.								
Capacitance range	C _N	0.022μF~22μF								
Capacitance tolerance		±5%(J),±10%(K)								
Dissipation factor	tanδ	≤15×10 ⁻⁴ (1kHz,20℃)								
Insulation resistance (20℃,100V,1min)	IR	C _R ≤0.33μF				IR≥100000MΩ				
		C _R >0.33μF				IR·C≥30000s				
Climatic category		40/105/56								
Rated temperature	T _R	85℃								
Operating temperature range	T _{OP}	-40℃~-+105℃(85℃~105℃: decreasing factor 1.25% per℃ for U _R)								
Voltage proof	U _{t-t}	1.6 U _R (d.c.),5s								
Pulse handling capability	U _R (d.c.)	Miniature version dV/dt(V/μs)				Standard version dV/dt(V/μs)				
		P=10.0mm	P=15.0mm	P=22.5mm	P=27.5mm	P=10.0mm	P=15.0mm	P=22.5mm	P=27.5mm	
		450	100	65	35	20	300	200	100	80
		520	120	80	60	40	350	220	150	100
		630	200	160	70	50	400	300	180	120
	"dV/dt" represents the maximum permissible voltage change per unit of time for non-sinusoidal voltages, expressed in V/μs.									

Ordering Information

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
H	M	K	P	2	5	/	2	J	1	0	4	J	9	0	0	0	C	0	0	0
Series code						Rated voltage			Rated capacitance			Capacitance tolerance	Pitch	Internal code			Lead form and packaging code			
						2S=450Vd.c. 2T=520Vd.c. 2J=630Vd.c.			For example: 104=10×10 ⁴ pF =0.1μF			J=±5%, K=±10%	3=7.5mm 4=10mm 6=15mm 9=22.5mm B=27.5mm				See table 1			

Table 1: Lead Form and Packaging Code

Digit 18		Digit 19		Digit 20		Digit 21	
Code	Explanation	Code	Explanation	Code	Explanation	Code	Explanation
A	Ammo-pack ¹⁾	3	F=7.5mm	0	Straight	1	Taping lead space: P ₃ =12.7mm,H=18.0mm(Pitch=7.5mm)
		4	F=10mm			5	P ₃ =25.4mm,H=18.0mm (Pitch=10.0 or 15.0mm)
		6	F=15mm				
		7	F=22.5mm	1	Crimped	7	P ₃ =38mm,H=18.0mm (Pitch=22.5mm or 27.5mm)
		8	F=27.5mm				
C	Straight Lead (bulk) ²⁾	00	Standard lead length(18mm ~ 28mm)		0	Standard lead length	
		35	Lead length3.5mm ³⁾			Lead length tolerance±0.5mm	

Notes: 1) For more details on Ammo-pack, please refer to the Overview of the Universal Capacitors.

2) Other lead form and packaging options are available upon customer request.

3) If the lead length is 4.5 mm, the code is C450, etc.

Outline Dimensions

Unit: mm

Standard version

450Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.068	13.0	9.0	4.0	10.0	0.6	HMKP25/2S683+4000****	0.56	18.0	13.5	7.5	15.0	0.8	HMKP25/2S564+6000****
0.082	13.0	9.0	4.0	10.0	0.6	HMKP25/2S823+4000****	0.68	18.0	16.0	10.0	15.0	0.8	HMKP25/2S684+6000****
0.10	13.0	11.0	5.0	10.0	0.6	HMKP25/2S104+4000****	0.82	18.0	16.0	10.0	15.0	0.8	HMKP25/2S824+6000****
0.12	13.0	11.0	5.0	10.0	0.6	HMKP25/2S124+4000****	1.00	18.0	19.2	11.2	15.0	0.8	HMKP25/2S105+6000****
0.15	13.0	12.0	6.0	10.0	0.6	HMKP25/2S154+4000****	0.27	26.5	15.0	6.0	22.5	0.8	HMKP25/2S274+9000****
0.18	13.0	12.0	6.0	10.0	0.6	HMKP25/2S184+4000****	0.33	26.5	15.0	6.0	22.5	0.8	HMKP25/2S334+9000****
0.22	13.0	13.0	7.0	10.0	0.6	HMKP25/2S224+4000****	0.39	26.5	15.0	6.0	22.5	0.8	HMKP25/2S394+9000****
0.27	13.0	13.0	7.0	10.0	0.6	HMKP25/2S274+4000****	0.47	26.5	15.0	6.0	22.5	0.8	HMKP25/2S474+9000****
0.33	13.0	14.0	8.0	10.0	0.6	HMKP25/2S334+4000****	0.56	26.5	16.5	7.0	22.5	0.8	HMKP25/2S564+9000****
0.10	18.0	11.0	5.0	15.0	0.6	HMKP25/2S104+6000****	0.68	26.5	16.5	7.0	22.5	0.8	HMKP25/2S684+9000****
0.12	18.0	11.0	5.0	15.0	0.6	HMKP25/2S124+6000****	0.82	26.5	17.0	8.5	22.5	0.8	HMKP25/2S824+9000****
0.15	18.0	11.0	5.0	15.0	0.6	HMKP25/2S154+6000****	1.0	26.5	17.0	8.5	22.5	0.8	HMKP25/2S105+9000****
0.18	18.0	11.0	5.0	15.0	0.6	HMKP25/2S184+6000****	1.2	26.5	19.0	10.0	22.5	0.8	HMKP25/2S125+9000****
0.22	18.0	11.0	5.0	15.0	0.6	HMKP25/2S224+6000****	1.5	26.5	19.0	10.0	22.5	0.8	HMKP25/2S155+9000****
0.27	18.0	12.0	6.0	15.0	0.8	HMKP25/2S274+6000****	1.8	26.0	21.5	12.0	22.5	0.8	HMKP25/2S185+9000****
0.33	18.0	12.0	6.0	15.0	0.8	HMKP25/2S334+6000****	0.68	32.0	18.0	9.0	27.5	0.8	HMKP25/2S684+B000****
0.39	18.0	13.5	7.5	15.0	0.8	HMKP25/2S394+6000****	0.82	32.0	18.0	9.0	27.5	0.8	HMKP25/2S824+B000****
0.47	18.0	13.5	7.5	15.0	0.8	HMKP25/2S474+6000****	1.0	32.0	18.0	9.0	27.5	0.8	HMKP25/2S105+B000****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;

2) "****" means lead form and packaging code (See table 1) .

Outline Dimensions

Unit: mm

Standard version

450Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
1.2	32.0	18.0	9.0	27.5	0.8	HMKP25/2S125+B000****	3.9	32.0	28.0	14.0	27.5	0.8	HMKP25/2S395+B000****
1.5	32.0	18.0	9.0	27.5	0.8	HMKP25/2S155+B000****	4.7	32.0	33.0	18.0	27.5	0.8	HMKP25/2S475+B000****
1.8	32.0	20.0	11.0	27.5	0.8	HMKP25/2S185+B000****	5.6	32.0	33.0	18.0	27.5	0.8	HMKP25/2S565+B000****
2.2	32.0	20.0	11.0	27.5	0.8	HMKP25/2S225+B000****	6.8	32.0	33.0	18.0	27.5	0.8	HMKP25/2S685+B000****
2.7	32.0	22.0	13.0	27.5	0.8	HMKP25/2S275+B000****	8.2	32.0	33.0	18.0	27.5	0.8	HMKP25/2S825+B000****
3.3	32.0	22.0	13.0	27.5	0.8	HMKP25/2S335+B000****							

Standard version

520Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.047	13.0	9.0	4.0	10.0	0.6	HMKP25/2T473+4000****	0.27	18.0	12.0	6.0	15.0	0.8	HMKP25/2T274+6000****
0.056	13.0	9.0	4.0	10.0	0.6	HMKP25/2T563+4000****	0.33	18.0	13.5	7.5	15.0	0.8	HMKP25/2T334+6000****
0.068	13.0	9.0	4.0	10.0	0.6	HMKP25/2T683+4000****	0.39	18.0	13.5	7.5	15.0	0.8	HMKP25/2T394+6000****
0.082	13.0	11.0	5.0	10.0	0.6	HMKP25/2T823+4000****	0.47	18.0	14.5	8.5	15.0	0.8	HMKP25/2T474+6000****
0.10	13.0	11.0	5.0	10.0	0.6	HMKP25/2T104+4000****	0.56	18.0	16.0	10.0	15.0	0.8	HMKP25/2T564+6000****
0.12	13.0	12.0	6.0	10.0	0.6	HMKP25/2T124+4000****	0.68	18.0	16.0	10.0	15.0	0.8	HMKP25/2T684+6000****
0.15	13.0	12.0	6.0	10.0	0.6	HMKP25/2T154+4000****	0.82	18.0	19.2	11.2	15.0	0.8	HMKP25/2T824+6000****
0.18	13.0	13.0	7.0	10.0	0.6	HMKP25/2T184+4000****	1.0	18.0	19.2	11.2	15.0	0.8	HMKP25/2T105+6000****
0.22	13.0	13.0	7.0	10.0	0.6	HMKP25/2T224+4000****	0.18	26.5	15.0	6.0	22.5	0.8	HMKP25/2T184+9000****
0.27	13.0	14.0	8.0	10.0	0.6	HMKP25/2T274+4000****	0.22	26.5	15.0	6.0	22.5	0.8	HMKP25/2T224+9000****
0.033	18.0	11.0	5.0	15.0	0.6	HMKP25/2T333+6000****	0.27	26.5	15.0	6.0	22.5	0.8	HMKP25/2T274+9000****
0.039	18.0	11.0	5.0	15.0	0.6	HMKP25/2T393+6000****	0.33	26.5	15.0	6.0	22.5	0.8	HMKP25/2T334+9000****
0.047	18.0	11.0	5.0	15.0	0.6	HMKP25/2T473+6000****	0.39	26.5	15.0	6.0	22.5	0.8	HMKP25/2T394+9000****
0.056	18.0	11.0	5.0	15.0	0.6	HMKP25/2T563+6000****	0.47	26.5	15.0	6.0	22.5	0.8	HMKP25/2T474+9000****
0.068	18.0	11.0	5.0	15.0	0.6	HMKP25/2T683+6000****	0.56	26.5	16.5	7.0	22.5	0.8	HMKP25/2T564+9000****
0.082	18.0	11.0	5.0	15.0	0.6	HMKP25/2T823+6000****	0.68	26.5	16.5	7.0	22.5	0.8	HMKP25/2T684+9000****
0.10	18.0	11.0	5.0	15.0	0.6	HMKP25/2T104+6000****	0.82	26.5	17.0	8.5	22.5	0.8	HMKP25/2T824+9000****
0.12	18.0	11.0	5.0	15.0	0.6	HMKP25/2T124+6000****	1.0	26.5	19.0	10.0	22.5	0.8	HMKP25/2T105+9000****
0.15	18.0	11.0	5.0	15.0	0.6	HMKP25/2T154+6000****	1.2	26.5	19.0	10.0	22.5	0.8	HMKP25/2T125+9000****
0.18	18.0	11.0	5.0	15.0	0.6	HMKP25/2T184+6000****	1.5	26.0	21.5	12.0	22.5	0.8	HMKP25/2T155+9000****
0.22	18.0	12.0	6.0	15.0	0.8	HMKP25/2T224+6000****	1.8	26.0	21.5	12.0	22.5	0.8	HMKP25/2T185+9000****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;
 2) "****" means lead form and packaging code (See table 1) .

Outline Dimensions

Unit: mm

Standard version

520Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.27	32.0	18.0	9.0	27.5	0.8	HMKP25/2T274+B000****	1.5	32.0	20.0	11.0	27.5	0.8	HMKP25/2T155+B000****
0.33	32.0	18.0	9.0	27.5	0.8	HMKP25/2T334+B000****	1.8	32.0	20.0	11.0	27.5	0.8	HMKP25/2T185+B000****
0.39	32.0	18.0	9.0	27.5	0.8	HMKP25/2T394+B000****	2.2	32.0	22.0	13.0	27.5	0.8	HMKP25/2T225+B000****
0.47	32.0	18.0	9.0	27.5	0.8	HMKP25/2T474+B000****	2.7	31.5	25.0	14.0	27.5	0.8	HMKP25/2T275+B000****
0.56	32.0	18.0	9.0	27.5	0.8	HMKP25/2T564+B000****	3.3	32.0	28.0	14.0	27.5	0.8	HMKP25/2T335+B000****
0.68	32.0	18.0	9.0	27.5	0.8	HMKP25/2T684+B000****	3.9	32.0	28.0	14.0	27.5	0.8	HMKP25/2T395+B000****
0.82	32.0	18.0	9.0	27.5	0.8	HMKP25/2T824+B000****	4.7	32.0	33.0	18.0	27.5	0.8	HMKP25/2T475+B000****
1.0	32.0	18.0	9.0	27.5	0.8	HMKP25/2T105+B000****	5.6	32.0	33.0	18.0	27.5	0.8	HMKP25/2T565+B000****
1.2	32.0	18.0	9.0	27.5	0.8	HMKP25/2T125+B000****	6.8	32.0	33.0	18.0	27.5	0.8	HMKP25/2T685+B000****

Standard version

630Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.022	13.0	9.0	4.0	10.0	0.6	HMKP25/2J223+4000****	0.22	18.0	13.5	7.5	15.0	0.8	HMKP25/2J224+6000****
0.027	13.0	9.0	4.0	10.0	0.6	HMKP25/2J273+4000****	0.27	18.0	13.5	7.5	15.0	0.8	HMKP25/2J274+6000****
0.033	13.0	9.0	4.0	10.0	0.6	HMKP25/2J333+4000****	0.33	18.0	14.5	8.5	15.0	0.8	HMKP25/2J334+6000****
0.039	13.0	9.0	4.0	10.0	0.6	HMKP25/2J393+4000****	0.39	18.0	16.0	10.0	15.0	0.8	HMKP25/2J394+6000****
0.047	13.0	11.0	5.0	10.0	0.6	HMKP25/2J473+4000****	0.47	18.0	16.0	10.0	15.0	0.8	HMKP25/2J474+6000****
0.056	13.0	11.0	5.0	10.0	0.6	HMKP25/2J563+4000****	0.56	18.0	19.2	11.2	15.0	0.8	HMKP25/2J564+6000****
0.068	13.0	11.0	5.0	10.0	0.6	HMKP25/2J683+4000****	0.68	18.0	19.2	11.2	15.0	0.8	HMKP25/2J684+6000****
0.082	13.0	12.0	6.0	10.0	0.6	HMKP25/2J823+4000****	0.15	26.5	15.0	6.0	22.5	0.8	HMKP25/2J154+9000****
0.10	13.0	12.0	6.0	10.0	0.6	HMKP25/2J104+4000****	0.18	26.5	15.0	6.0	22.5	0.8	HMKP25/2J184+9000****
0.12	13.0	13.0	7.0	10.0	0.6	HMKP25/2J124+4000****	0.22	26.5	15.0	6.0	22.5	0.8	HMKP25/2J224+9000****
0.15	13.0	13.0	7.0	10.0	0.6	HMKP25/2J154+4000****	0.27	26.5	15.0	6.0	22.5	0.8	HMKP25/2J274+9000****
0.18	13.0	14.0	8.0	10.0	0.6	HMKP25/2J184+4000****	0.33	26.5	15.0	6.0	22.5	0.8	HMKP25/2J334+9000****
0.068	18.0	11.0	5.0	15.0	0.6	HMKP25/2J683+6000****	0.39	26.5	16.5	7.0	22.5	0.8	HMKP25/2J394+9000****
0.082	18.0	11.0	5.0	15.0	0.6	HMKP25/2J823+6000****	0.47	26.5	16.5	7.0	22.5	0.8	HMKP25/2J474+9000****
0.10	18.0	11.0	5.0	15.0	0.6	HMKP25/2J104+6000****	0.56	26.5	17.0	8.5	22.5	0.8	HMKP25/2J564+9000****
0.12	18.0	11.0	5.0	15.0	0.6	HMKP25/2J124+6000****	0.68	26.5	17.0	8.5	22.5	0.8	HMKP25/2J684+9000****
0.15	18.0	12.0	6.0	15.0	0.8	HMKP25/2J154+6000****	0.82	26.5	18.5	10.0	22.5	0.8	HMKP25/2J824+9000****
0.18	18.0	12.0	6.0	15.0	0.8	HMKP25/2J184+6000****	1.0	26.5	18.5	10.0	22.5	0.8	HMKP25/2J105+9000****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;
 2) "****" means lead form and packaging code (See table 1) .

Outline Dimensions

Unit: mm

Standard version

630Vd.c.													
CN(μF)	W	H	T	P	d	Ordering Information	CN(μF)	W	H	T	P	d	Ordering Information
1.2	26.0	21.5	12.0	22.5	0.8	HMKP25/2J125+9000****	1.0	32.0	20.0	11.0	27.5	0.8	HMKP25/2J105+B000****
0.27	32.0	18.0	9.0	27.5	0.8	HMKP25/2J274+B000****	1.2	32.0	20.0	11.0	27.5	0.8	HMKP25/2J125+B000****
0.33	32.0	18.0	9.0	27.5	0.8	HMKP25/2J334+B000****	1.5	32.0	22.0	13.0	27.5	0.8	HMKP25/2J155+B000****
0.39	32.0	18.0	9.0	27.5	0.8	HMKP25/2J394+B000****	1.8	32.0	22.0	13.0	27.5	0.8	HMKP25/2J185+B000****
0.47	32.0	18.0	9.0	27.5	0.8	HMKP25/2J474+B000****	2.2	31.5	25.0	14.0	27.5	0.8	HMKP25/2J225+B000****
0.56	32.0	18.0	9.0	27.5	0.8	HMKP25/2J564+B000****	2.7	32.0	28.0	14.0	27.5	0.8	HMKP25/2J275+B000****
0.68	32.0	18.0	9.0	27.5	0.8	HMKP25/2J684+B000****	3.3	32.0	33.0	18.0	27.5	0.8	HMKP25/2J335+B000****
0.82	32.0	18.0	9.0	27.5	0.8	HMKP25/2J824+B000****	3.9	32.0	33.0	18.0	27.5	0.8	HMKP25/2J395+B000****

Miniature version

450Vd.c.													
CN(μF)	W	H	T	P	d	Ordering Information	CN(μF)	W	H	T	P	d	Ordering Information
0.12	13.0	9.0	4.0	10.0	0.6	HMKP25/2S124+4010****	1.5	18.0	16.0	10.0	15.0	0.8	HMKP25/2S155+6010****
0.15	13.0	9.0	4.0	10.0	0.6	HMKP25/2S154+4010****	1.8	18.0	16.0	10.0	15.0	0.8	HMKP25/2S185+6010****
0.18	13.0	11.0	5.0	10.0	0.6	HMKP25/2S184+4010****	2.2	18.0	19.2	11.2	15.0	0.8	HMKP25/2S225+6010****
0.22	13.0	11.0	5.0	10.0	0.6	HMKP25/2S224+4010****	1.0	26.5	15.0	6.0	22.5	0.8	HMKP25/2S105+9010****
0.27	13.0	12.0	6.0	10.0	0.6	HMKP25/2S274+4010****	1.2	26.5	15.0	6.0	22.5	0.8	HMKP25/2S125+9010****
0.33	13.0	12.0	6.0	10.0	0.6	HMKP25/2S334+4010****	1.5	26.5	16.5	7.0	22.5	0.8	HMKP25/2S155+9010****
0.39	13.0	13.0	7.0	10.0	0.6	HMKP25/2S394+4010****	1.8	26.5	16.5	7.0	22.5	0.8	HMKP25/2S185+9010****
0.47	13.0	13.0	7.0	10.0	0.6	HMKP25/2S474+4010****	2.2	26.5	17.0	8.5	22.5	0.8	HMKP25/2S225+9010****
0.56	13.0	14.0	8.0	10.0	0.6	HMKP25/2S564+4010****	2.7	26.5	17.0	8.5	22.5	0.8	HMKP25/2S275+9010****
0.68	13.0	14.0	8.0	10.0	0.6	HMKP25/2S684+4010****	3.3	26.5	19.0	10.0	22.5	0.8	HMKP25/2S335+9010****
0.22	18.0	11.0	5.0	15.0	0.6	HMKP25/2S224+6010****	3.9	26.5	19.0	10.0	22.5	0.8	HMKP25/2S395+9010****
0.33	18.0	11.0	5.0	15.0	0.6	HMKP25/2S334+6010****	4.7	26.5	20.0	11.0	22.5	0.8	HMKP25/2S475+9010****
0.39	18.0	11.0	5.0	15.0	0.6	HMKP25/2S394+6010****	5.6	26.5	23.0	13.0	22.5	0.8	HMKP25/2S565+9010****
0.47	18.0	11.0	5.0	15.0	0.6	HMKP25/2S474+6010****	6.8	26.0	25.0	15.0	22.5	0.8	HMKP25/2S685+9010****
0.56	18.0	12.0	6.0	15.0	0.8	HMKP25/2S564+6010****	8.2	26.5	29.5	14.5	22.5	0.8	HMKP25/2S825+9010****
0.68	18.0	13.0	7.0	15.0	0.6	HMKP25/2S684+6010****	3.3	32.0	18.0	9.0	27.5	0.8	HMKP25/2S335+B010****
0.82	18.0	13.0	7.0	15.0	0.6	HMKP25/2S824+6010****	3.9	32.0	18.0	9.0	27.5	0.8	HMKP25/2S395+B010****
1.0	18.0	13.5	7.5	15.0	0.8	HMKP25/2S105+6010****	4.7	32.0	20.0	11.0	27.5	0.8	HMKP25/2S475+B010****
1.2	18.0	14.5	8.5	15.0	0.8	HMKP25/2S125+6010****	5.6	32.0	20.0	11.0	27.5	0.8	HMKP25/2S565+B010****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;
 2) "****" means lead form and packaging code (See table 1) .

Outline Dimensions

Unit: mm

Miniature version

450Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
6.8	32.0	22.0	13.0	27.5	0.8	HMKP25/2S685+B010****	15.0	32.0	33.0	18.0	27.5	0.8	HMKP25/2S156+B010****
8.2	32.0	28.0	14.0	27.5	0.8	HMKP25/2S825+B010****	18.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2S186+B010****
10.0	32.0	28.0	14.0	27.5	0.8	HMKP25/2S106+B010****	22.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2S226+B010****
12.0	32.0	28.0	18.0	27.5	0.8	HMKP25/2S126+B010****							

Miniature version

520Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.082	13.0	9.0	4.0	10.0	0.6	HMKP25/2T823+4010****	1.0	26.5	16.5	7.0	22.5	0.8	HMKP25/2T105+9010****
0.10	13.0	9.0	4.0	10.0	0.6	HMKP25/2T104+4010****	1.2	26.5	16.5	7.0	22.5	0.8	HMKP25/2T125+9010****
0.12	13.0	11.0	5.0	10.0	0.6	HMKP25/2T124+4010****	1.5	26.5	17.0	8.5	22.5	0.8	HMKP25/2T155+9010****
0.15	13.0	11.0	5.0	10.0	0.6	HMKP25/2T154+4010****	1.8	26.5	17.0	8.5	22.5	0.8	HMKP25/2T185+9010****
0.18	13.0	12.0	6.0	10.0	0.6	HMKP25/2T184+4010****	2.2	26.5	19.0	10.0	22.5	0.8	HMKP25/2T225+9010****
0.22	13.0	12.0	6.0	10.0	0.6	HMKP25/2T224+4010****	2.7	26.5	20.0	11.0	22.5	0.8	HMKP25/2T275+9010****
0.27	13.0	13.0	7.0	10.0	0.6	HMKP25/2T274+4010****	3.3	26.0	21.5	12.0	22.5	0.8	HMKP25/2T335+9010****
0.33	13.0	13.0	7.0	10.0	0.6	HMKP25/2T334+4010****	3.9	26.0	21.5	12.0	22.5	0.8	HMKP25/2T395+9010****
0.39	13.0	14.0	8.0	10.0	0.6	HMKP25/2T394+4010****	4.7	26.0	25.0	15.0	22.5	0.8	HMKP25/2T475+9010****
0.47	13.0	14.0	8.0	10.0	0.6	HMKP25/2T474+4010****	5.6	26.0	25.0	15.0	22.5	0.8	HMKP25/2T565+9010****
0.27	18.0	11.0	5.0	15.0	0.6	HMKP25/2T274+6010****	2.2	32.0	18.0	9.0	27.5	0.8	HMKP25/2T225+B010****
0.33	18.0	11.0	5.0	15.0	0.6	HMKP25/2T334+6010****	2.7	32.0	18.0	9.0	27.5	0.8	HMKP25/2T275+B010****
0.39	18.0	12.0	6.0	15.0	0.8	HMKP25/2T394+6010****	3.3	32.0	20.0	11.0	27.5	0.8	HMKP25/2T335+B010****
0.47	18.0	12.0	6.0	15.0	0.8	HMKP25/2T474+6010****	3.9	32.0	20.0	11.0	27.5	0.8	HMKP25/2T395+B010****
0.56	18.0	13.0	7.0	15.0	0.6	HMKP25/2T564+6010****	4.7	32.0	22.0	13.0	27.5	0.8	HMKP25/2T475+B010****
0.68	18.0	13.5	7.5	15.0	0.8	HMKP25/2T684+6010****	5.6	31.5	25.0	14.0	27.5	0.8	HMKP25/2T565+B010****
0.82	18.0	14.5	8.5	15.0	0.8	HMKP25/2T824+6010****	6.8	32.0	28.0	14.0	27.5	0.8	HMKP25/2T685+B010****
1.0	18.0	14.5	8.5	15.0	0.8	HMKP25/2T105+6010****	8.2	32.0	28.0	18.0	27.5	0.8	HMKP25/2T825+B010****
1.2	18.0	16.0	10.0	15.0	0.8	HMKP25/2T125+6010****	10.0	32.0	33.0	18.0	27.5	0.8	HMKP25/2T106+B010****
1.5	18.0	19.2	11.2	15.0	0.8	HMKP25/2T155+6010****	12.0	32.0	33.0	18.0	27.5	0.8	HMKP25/2T126+B010****
0.68	26.5	15.0	6.0	22.5	0.8	HMKP25/2T684+9010****	15.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2T156+B010****
0.82	26.5	15.0	6.0	22.5	0.8	HMKP25/2T824+9010****	18.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2T186+B010****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;

2) "****" means lead form and packaging code (See table 1) .

Outline Dimensions

Unit: mm

Miniature version

630Vd.c.													
C _N (μF)	W	H	T	P	d	Ordering Information	C _N (μF)	W	H	T	P	d	Ordering Information
0.056	13.0	9.0	4.0	10.0	0.6	HMKP25/2J563+4010****	0.56	26.5	15.0	6.0	22.5	0.8	HMKP25/2J564+9010****
0.068	13.0	9.0	4.0	10.0	0.6	HMKP25/2J683+4010****	0.68	26.5	16.5	7.0	22.5	0.8	HMKP25/2J684+9010****
0.082	13.0	11.0	5.0	10.0	0.6	HMKP25/2J823+4010****	0.82	26.5	16.5	7.0	22.5	0.8	HMKP25/2J824+9010****
0.10	13.0	11.0	5.0	10.0	0.6	HMKP25/2J104+4010****	1.0	26.5	17.0	8.5	22.5	0.8	HMKP25/2J105+9010****
0.12	13.0	12.0	6.0	10.0	0.6	HMKP25/2J124+4010****	1.2	26.5	17.0	8.5	22.5	0.8	HMKP25/2J125+9010****
0.15	13.0	12.0	6.0	10.0	0.6	HMKP25/2J154+4010****	1.5	26.5	19.0	10.0	22.5	0.8	HMKP25/2J155+9010****
0.18	13.0	13.0	7.0	10.0	0.6	HMKP25/2J184+4010****	1.8	26.5	19.0	10.0	22.5	0.8	HMKP25/2J185+9010****
0.22	13.0	13.0	7.0	10.0	0.6	HMKP25/2J224+4010****	2.2	26.5	20.0	11.0	22.5	0.8	HMKP25/2J225+9010****
0.27	13.0	14.0	8.0	10.0	0.6	HMKP25/2J274+4010****	2.7	26.0	21.5	12.0	22.5	0.8	HMKP25/2J275+9010****
0.33	13.0	14.0	8.0	10.0	0.6	HMKP25/2J334+4010****	3.3	26.0	25.0	15.0	22.5	0.8	HMKP25/2J335+9010****
0.18	18.0	11.0	5.0	15.0	0.6	HMKP25/2J184+6010****	3.9	26.0	25.0	15.0	22.5	0.8	HMKP25/2J395+9010****
0.22	18.0	11.0	5.0	15.0	0.6	HMKP25/2J224+6010****	1.8	32.0	18.0	9.0	27.5	0.8	HMKP25/2J185+B010****
0.27	18.0	12.0	6.0	15.0	0.8	HMKP25/2J274+6010****	2.2	32.0	20.0	11.0	27.5	0.8	HMKP25/2J225+B010****
0.33	18.0	12.0	6.0	15.0	0.8	HMKP25/2J334+6010****	2.7	32.0	20.0	11.0	27.5	0.8	HMKP25/2J275+B010****
0.39	18.0	13.0	7.0	15.0	0.6	HMKP25/2J394+6010****	3.3	32.0	22.0	13.0	27.5	0.8	HMKP25/2J335+B010****
0.47	18.0	13.5	7.5	15.0	0.8	HMKP25/2J474+6010****	3.9	32.0	22.0	13.0	27.5	0.8	HMKP25/2J395+B010****
0.56	18.0	14.5	8.5	15.0	0.8	HMKP25/2J564+6010****	4.7	31.5	28.0	14.0	27.5	0.8	HMKP25/2J475+B010****
0.68	18.0	14.5	8.5	15.0	0.8	HMKP25/2J684+6010****	5.6	32.0	28.0	18.0	27.5	0.8	HMKP25/2J565+B010****
0.82	18.0	16.0	10.0	15.0	0.8	HMKP25/2J824+6010****	6.8	32.0	29.0	19.0	27.5	0.8	HMKP25/2J685+B010****
1.0	18.0	16.0	10.0	15.0	0.8	HMKP25/2J105+6010****	8.2	32.0	29.0	19.0	27.5	0.8	HMKP25/2J825+B010****
1.2	18.0	19.2	11.2	15.0	0.8	HMKP25/2J125+6010****	10.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2J106+B010****
0.47	26.5	15.0	6.0	22.5	0.8	HMKP25/2J474+9010****	12.0	32.0	37.0	22.0	27.5	0.8	HMKP25/2J126+B010****

Notes: 1) "+" means capacitance tolerance, J=±5%, K=±10%;
 2) "****" means lead form and packaging code (See table 1) .