



Guang Zhou Nan Cai Electronic CO.,LTD.
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規格承認書

(SPECIFICATION FOR APPROVAL)

File No.: Q/BH .TS16949.13TECH1303

Product Name: Metallized polypropylene film capacitor(Box-type)

Product Type: C32 (MKP21)

Product Code: C32

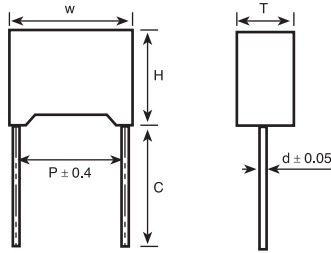
Customer:

Customer Code:

Issue Date: (V3.0)

金属化聚丙烯膜电容器 Metallized polypropylene film capacitor(Box-type)

■ 外形图 Outline Drawing



W ± 0.4, H ± 0.4, T ± 0.4

■ 特点

- 金属化聚丙烯膜
- 高频损耗小
- 内部温升小
- 塑料外壳(UL94 V-0), 阻燃环氧填充

■ 主要用途

- 广泛应用于高频、直流、交流和脉冲电路中
- 电视机、显示器S校正电路

■ 技术要求 Specifications

■ Features

- Metallized polypropylene film
- Low loss at high frequency
- Small inherent temperature rise
- Plastic case (UL94 V-0), Epoxy resin sealing

■ Typical Applications

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

引用标准 Reference Standard	GB/T 10190 (IEC 60384-16)						
气候类别 Climatic Category	55/105/56						
额定温度 Rated Temperature	85℃						
工作温度 Operating Temperature Range	-55℃~105℃ (+85℃ to +105℃: decreasing factor 1.25% per ℃ for U _R)						
额定电压 Rated Voltage	160Vdc(90Vac); 250Vdc(160Vac); 400Vdc(220Vac); 630Vdc(250Vac) 1 000Vdc(400Vac); 1 600Vdc(600Vac); 2 000Vdc(700Vac)						
电容量范围 Capacitance Range	0.00056μF~15.0μF						
电容量偏差 Capacitance Tolerance	± 2%(G), ± 3%(H), ± 5%(J), ± 10%(K), ± 20%(M)						
耐电压 Voltage Proof	1.6U _R (5s)						
损耗角正切 Dissipation Factor	≤ 10×10 ⁻⁴ (1kHz, 20℃)						
绝缘电阻 Insulation Resistance	≥ 100 000MΩ C _R ≤ 0.33μF ≥ 30 000s C _R > 0.33μF (20℃, 100V, 1min)						
最大脉冲爬升速率Maximum Pulse Rise Time (dV/dt): 若实际工作电压U比额定电压U _R 低, 电容器可工作在更高的dV/dt场合。这样dV/dt允许值应为右表值乘以U _R /U。 If the working voltage (U) is lower than the rated voltage (U _R), the capacitor can be worked at a higher dV/dt. In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U _R /U.	dV/dt(V/us)						
	U _R (V)	P=5.0	P=7.5	P=10.0	P=15.0	P=22.5	P=27.5
	160	110	310	190	110	65	55
	250	270	660	560	310	130	110
	400	440	900	780	600	300	130
	630	550	1 500	1 200	900	400	200
	1 000	--	--	2 200	2 000	800	--
	1 600	--	--	--	4 500	1 800	--
2 000	--	--	--	9 500	4 500	--	

产品编码说明 Part number system

■ 18位产品代码如下:

The 18 digits part number is formed as follow:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
C	3	2															

第1~3位	型号代码 C32=MKP21	Digit 1 to 3	Series code C32=MKP21
第4~5位	直流额定电压 2C=160V 2E=250V 2G=400V 2J=630V 3A=1 000V 3C=1 600V 3D=2 000V	Digit 4 to 5	DC rated voltage 2C=160V 2E=250V 2G=400V 2J=630V 3A=1 000V 3C=1 600V 3D=2 000V
第6~8位	标称容量 举例: 103=10 x 10 ³ pF=0.01μF	Digit 6 to 8	Rated capacitance value For example: 103=10 x 10 ³ pF=0.01μF
第9位	容量偏差 G= ± 2%, H= ± 3%, J= ± 5% K= ± 10%, M= ± 20%	Digit 9	Capacitance tolerance G= ± 2%, H= ± 3%, J= ± 5% K= ± 10%, M= ± 20%
第10位	引线脚距 P 2=5.0mm 3=7.5mm 4=10.0mm 6=15.0mm 9=22.5mm B=27.5mm	Digit 10	Pitch 2=5.0mm 3=7.5mm 4=10.0mm 6=15.0mm 9=22.5mm B=27.5mm
第11位	内部特征码	Digit 11	Internal use
第12~15位	引线加工和包装代码	Digit 12 to 15	Lead form and packaging code
第16~18位	内部特征码	Digit 16 to 18	Internal use

■ Table1 引线加工和包装代码 Lead form and packaging code

第12位 Digit 12		第13位 Digit 13		第14位 Digit 14		第15位 Digit 15	
代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation	代码 Code	说明 explanation
A	弹带包装 ammo-pack	2	F=5.0mm	0	表示直脚 straight	1	产品在连续的两个载带孔之间 each cap. among two consecutive holes P3=12.7mm,H=18.5mm (For pitch=5.0/7.5mm)
		3	F=7.5mm			5	P3=25.4mm, H=18.5mm (For pitch=10.0/15.0mm) (Detail parameter refer to pag 17)
C	直脚 straight lead "C" in the figure above	代码 Code	说明 explanation	0		0	引线长度偏差 ± 0.5mm或标准长度 Length tolerance ± 0.5mm Or standard length
		00	标准的引线长度(18mm~26mm) standard lead length				
		45	引线长度 4.5mm lead length 4.5mm				



C32
MKP21 series

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■ 外形尺寸 Dimensions(mm)

160Vdc (90Vac)						
C _R (μF)	W	H	T	P	d	Part number
0.027	7.2	7.5	3.5	5.0	0.5	C322C273-20****+++
0.033	7.2	7.5	3.5	5.0	0.5	C322C333-20****+++
0.039	7.2	7.5	3.5	5.0	0.5	C322C393-20****+++
0.047	7.2	9.5	4.5	5.0	0.6	C322C473-20****+++
0.056	7.2	9.5	4.5	5.0	0.6	C322C563-20****+++
0.068	7.2	9.5	4.5	5.0	0.6	C322C683-20****+++
0.082	7.2	10.0	5.0	5.0	0.6	C322C823-20****+++
0.10	7.2	10.0	5.0	5.0	0.6	C322C104-20****+++
0.12	7.2	11.0	6.0	5.0	0.6	C322C124-20****+++
0.15	7.2	11.0	6.0	5.0	0.6	C322C154-20****+++
0.068	10.5	9.0	4.0	7.5	0.6	C322C683-30****+++
0.082	10.5	9.0	4.0	7.5	0.6	C322C823-30****+++
0.10	10.5	11.0	5.0	7.5	0.6	C322C104-30****+++
0.12	10.5	11.0	5.0	7.5	0.6	C322C124-30****+++
0.15	10.5	12.0	6.0	7.5	0.6	C322C154-30****+++
0.18	10.5	12.0	6.0	7.5	0.6	C322C184-30****+++
0.082	13.0	9.0	4.0	10.0	0.6	C322C823-40****+++
0.10	13.0	9.0	4.0	10.0	0.6	C322C104-40****+++
0.12	13.0	11.0	5.0	10.0	0.6	C322C124-40****+++
0.15	13.0	11.0	5.0	10.0	0.6	C322C154-40****+++
0.18	13.0	11.0	5.0	10.0	0.6	C322C184-40****+++
0.22	13.0	12.0	6.0	10.0	0.6	C322C224-40****+++
0.27	13.0	12.0	6.0	10.0	0.6	C322C274-40****+++
0.18	17.5	11.0	5.0	15.0	0.8	C322C184-60****+++
0.22	17.5	11.0	5.0	15.0	0.8	C322C224-60****+++
0.27	17.5	11.0	5.0	15.0	0.8	C322C274-60****+++
0.33	17.5	11.0	5.0	15.0	0.8	C322C334-60****+++
0.39	17.5	12.0	6.0	15.0	0.8	C322C394-60****+++
0.47	17.5	12.0	6.0	15.0	0.8	C322C474-60****+++
0.56	17.5	13.5	7.5	15.0	0.8	C322C564-60****+++
0.68	17.5	13.5	7.5	15.0	0.8	C322C684-60****+++

160Vdc (90Vac)						
C _R (μF)	W	H	T	P	d	Part number
0.82	17.5	14.5	8.5	15.0	0.8	C322C824-60****+++
1.0	17.5	16.0	10.0	15.0	0.8	C322C105-60****+++
1.2	17.5	16.0	10.0	15.0	0.8	C322C125-60****+++
1.5	17.5	19.0	11.0	15.0	0.8	C322C155-60****+++
1.8	17.5	19.0	11.0	15.0	0.8	C322C185-60****+++
0.47	26.5	15.0	6.0	22.5	0.8	C322C474-90****+++
0.56	26.5	15.0	6.0	22.5	0.8	C322C564-90****+++
0.68	26.5	15.0	6.0	22.5	0.8	C322C684-90****+++
0.82	26.5	16.0	7.0	22.5	0.8	C322C824-90****+++
1.0	26.5	16.0	7.0	22.5	0.8	C322C105-90****+++
1.2	26.5	17.0	8.5	22.5	0.8	C322C125-90****+++
1.5	26.5	17.0	8.5	22.5	0.8	C322C155-90****+++
1.8	26.5	18.5	10.0	22.5	0.8	C322C185-90****+++
2.2	26.5	20.0	11.0	22.5	0.8	C322C225-90****+++
2.7	26.5	22.0	12.0	22.5	0.8	C322C275-90****+++
3.3	26.5	22.0	12.0	22.5	0.8	C322C335-90****+++
1.0	32.0	18.0	9.0	27.5	0.8	C322C105-B0****+++
1.2	32.0	18.0	9.0	27.5	0.8	C322C125-B0****+++
1.5	32.0	18.0	9.0	27.5	0.8	C322C155-B0****+++
1.8	32.0	18.0	9.0	27.5	0.8	C322C185-B0****+++
2.2	32.0	18.0	9.0	27.5	0.8	C322C225-B0****+++
2.7	32.0	20.0	11.0	27.5	0.8	C322C275-B0****+++
3.3	32.0	20.0	11.0	27.5	0.8	C322C335-B0****+++
3.9	32.0	22.0	13.0	27.5	0.8	C322C395-B0****+++
4.7	32.0	28.0	14.0	27.5	0.8	C322C475-B0****+++
5.6	32.0	24.5	15.0	27.5	0.8	C322C565-B0****+++
6.8	32.0	33.0	18.0	27.5	0.8	C322C685-B0****+++
8.2	32.0	33.0	18.0	27.5	0.8	C322C825-B0****+++
10.0	32.0	33.0	18.0	27.5	0.8	C322C106-B0****+++
12.0	32.0	37.0	22.0	27.5	0.8	C322C126-B0****+++
15.0	32.0	37.0	22.0	27.5	0.8	C322C156-B0****+++

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M= ± 20%,K= ± 10%,J= ± 5%,H= ± 3%,G= ± 2%
2. “****”表示引线加工和包装代码(见表1)。“****”=lead form and packaging code(refer to table 1)



C32
MKP21 series

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■ 外形尺寸 Dimensions(mm)

250Vdc (160Vac)							250Vdc (160Vac)						
C _R (μF)	W	H	T	P	d	Part number	C _R (μF)	W	H	T	P	d	Part number
0.012	7.2	7.5	3.5	5.0	0.5	C322E123-20*****++	0.18	17.5	11.0	5.0	15.0	0.8	C322E184-60*****++
0.015	7.2	7.5	3.5	5.0	0.5	C322E153-20*****++	0.22	17.5	11.0	5.0	15.0	0.8	C322E224-60*****++
0.018	7.2	7.5	3.5	5.0	0.5	C322E183-20*****++	0.27	17.5	12.0	6.0	15.0	0.8	C322E274-60*****++
0.022	7.2	7.5	3.5	5.0	0.5	C322E223-20*****++	0.33	17.5	12.0	6.0	15.0	0.8	C322E334-60*****++
0.027	7.2	7.5	3.5	5.0	0.5	C322E273-20*****++	0.39	17.5	13.5	7.5	15.0	0.8	C322E394-60*****++
0.033	7.2	7.5	3.5	5.0	0.5	C322E333-20*****++	0.47	17.5	13.5	7.5	15.0	0.8	C322E474-60*****++
0.039	7.2	7.5	3.5	5.0	0.5	C322E393-20*****++	0.56	17.5	13.5	7.5	15.0	0.8	C322E564-60*****++
0.047	7.2	9.5	4.5	5.0	0.6	C322E473-20*****++	0.68	17.5	14.5	8.5	15.0	0.8	C322E684-60*****++
0.056	7.2	9.5	4.5	5.0	0.6	C322E563-20*****++	0.82	17.5	16.0	10.0	15.0	0.8	C322E824-60*****++
0.068	7.2	10.0	5.0	5.0	0.6	C322E683-20*****++	1.0	17.5	16.0	10.0	15.0	0.8	C322E105-60*****++
0.082	7.2	10.0	5.0	5.0	0.6	C322E823-20*****++	1.2	17.5	19.0	11.0	15.0	0.8	C322E125-60*****++
0.10	7.2	11.0	6.0	5.0	0.6	C322E104-20*****++	0.39	26.5	15.0	6.0	22.5	0.8	C322E394-90*****++
0.12	7.2	11.0	6.0	5.0	0.6	C322E124-20*****++	0.47	26.5	15.0	6.0	22.5	0.8	C322E474-90*****++
0.027	10.5	9.0	4.0	7.5	0.6	C322E273-30*****++	0.56	26.5	15.0	6.0	22.5	0.8	C322E564-90*****++
0.033	10.5	9.0	4.0	7.5	0.6	C322E333-30*****++	0.68	26.5	15.0	6.0	22.5	0.8	C322E684-90*****++
0.039	10.5	9.0	4.0	7.5	0.6	C322E393-30*****++	0.82	26.5	15.0	6.0	22.5	0.8	C322E824-90*****++
0.047	10.5	9.0	4.0	7.5	0.6	C322E473-30*****++	1.0	26.5	16.0	7.0	22.5	0.8	C322E105-90*****++
0.056	10.5	9.0	4.0	7.5	0.6	C322E563-30*****++	1.2	26.5	17.0	8.5	22.5	0.8	C322E125-90*****++
0.068	10.5	9.0	4.0	7.5	0.6	C322E683-30*****++	1.5	26.5	17.0	8.5	22.5	0.8	C322E155-90*****++
0.082	10.5	11.0	5.0	7.5	0.6	C322E823-30*****++	1.8	26.5	18.5	10.0	22.5	0.8	C322E185-90*****++
0.10	10.5	11.0	5.0	7.5	0.6	C322E104-30*****++	2.2	26.5	20.0	11.0	22.5	0.8	C322E225-90*****++
0.12	10.5	11.0	5.0	7.5	0.6	C322E124-30*****++	2.7	26.5	22.0	12.0	22.5	0.8	C322E275-90*****++
0.15	10.5	12.0	6.0	7.5	0.6	C322E154-30*****++	0.82	32.0	18.0	9.0	27.5	0.8	C322E824-B0*****++
0.18	10.5	12.0	6.0	7.5	0.6	C322E184-30*****++	1.0	32.0	18.0	9.0	27.5	0.8	C322E105-B0*****++
0.033	13.0	9.0	4.0	10.0	0.6	C322E333-40*****++	1.2	32.0	18.0	9.0	27.5	0.8	C322E125-B0*****++
0.039	13.0	9.0	4.0	10.0	0.6	C322E393-40*****++	1.5	32.0	18.0	9.0	27.5	0.8	C322E155-B0*****++
0.047	13.0	9.0	4.0	10.0	0.6	C322E473-40*****++	1.8	32.0	18.0	9.0	27.5	0.8	C322E185-B0*****++
0.056	13.0	9.0	4.0	10.0	0.6	C322E563-40*****++	2.2	32.0	18.0	9.0	27.5	0.8	C322E225-B0*****++
0.068	13.0	9.0	4.0	10.0	0.6	C322E683-40*****++	2.7	32.0	20.0	11.0	27.5	0.8	C322E275-B0*****++
0.082	13.0	9.0	4.0	10.0	0.6	C322E823-40*****++	3.3	32.0	20.0	11.0	27.5	0.8	C322E335-B0*****++
0.10	13.0	11.0	5.0	10.0	0.6	C322E104-40*****++	3.9	32.0	22.0	13.0	27.5	0.8	C322E395-B0*****++
0.12	13.0	11.0	5.0	10.0	0.6	C322E124-40*****++	4.7	32.0	28.0	14.0	27.5	0.8	C322E475-B0*****++
0.15	13.0	11.0	5.0	10.0	0.6	C322E154-40*****++	5.6	32.0	24.5	15.0	27.5	0.8	C322E565-B0*****++
0.18	13.0	12.0	6.0	10.0	0.6	C322E184-40*****++	6.8	32.0	33.0	18.0	27.5	0.8	C322E685-B0*****++
0.22	13.0	12.0	6.0	10.0	0.6	C322E224-40*****++	8.2	32.0	33.0	18.0	27.5	0.8	C322E825-B0*****++
0.10	17.5	11.0	5.0	15.0	0.8	C322E104-60*****++	10.0	32.0	33.0	18.0	27.5	0.8	C322E106-B0*****++
0.12	17.5	11.0	5.0	15.0	0.8	C322E124-60*****++	12.0	32.0	37.0	22.0	27.5	0.8	C322E126-B0*****++
0.15	17.5	11.0	5.0	15.0	0.8	C322E154-60*****++	15.0	32.0	37.0	22.0	27.5	0.8	C322E156-B0*****++

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M= ± 20%,K= ± 10%,J= ± 5%,H= ± 3%,G= ± 2%
2. “*****”表示引线加工和包装代码(见表1)。“*****”=lead form and packaging code(refer to table 1)



C32
MKP21 series

■ 外形尺寸 Dimensions(mm)

400Vdc (220Vac)@						
C _R (μF)	W	H	T	P	d	Part number
0.0039	7.2	7.5	3.5	5.0	0.5	C322G392-20****+++
0.0047	7.2	7.5	3.5	5.0	0.5	C322G472-20****+++
0.0056	7.2	7.5	3.5	5.0	0.5	C322G562-20****+++
0.0068	7.2	7.5	3.5	5.0	0.5	C322G682-20****+++
0.0082	7.2	7.5	3.5	5.0	0.5	C322G822-20****+++
0.010	7.2	7.5	3.5	5.0	0.5	C322G103-20****+++
0.012	7.2	7.5	3.5	5.0	0.5	C322G123-20****+++
0.015	7.2	9.5	4.5	5.0	0.6	C322G153-20****+++
0.018	7.2	9.5	4.5	5.0	0.6	C322G183-20****+++
0.022	7.2	9.5	4.5	5.0	0.6	C322G223-20****+++
0.027	7.2	10.0	5.0	5.0	0.6	C322G273-20****+++
0.033	7.2	11.0	6.0	5.0	0.6	C322G333-20****+++
0.039	7.2	11.0	6.0	5.0	0.6	C322G393-20****+++
0.047	7.2	11.0	6.0	5.0	0.6	C322G473-20****+++
0.010	10.5	9.0	4.0	7.5	0.6	C322G103-30****+++
0.012	10.5	9.0	4.0	7.5	0.6	C322G123-30****+++
0.015	10.5	9.0	4.0	7.5	0.6	C322G153-30****+++
0.018	10.5	9.0	4.0	7.5	0.6	C322G183-30****+++
0.022	10.5	9.0	4.0	7.5	0.6	C322G223-30****+++
0.027	10.5	9.0	4.0	7.5	0.6	C322G273-30****+++
0.033	10.5	11.0	5.0	7.5	0.6	C322G333-30****+++
0.039	10.5	11.0	5.0	7.5	0.6	C322G393-30****+++
0.047	10.5	11.0	5.0	7.5	0.6	C322G473-30****+++
0.056	10.5	12.0	6.0	7.5	0.6	C322G563-30****+++
0.068	10.5	12.0	6.0	7.5	0.6	C322G683-30****+++
0.015	13.0	9.0	4.0	10.0	0.6	C322G153-40****+++
0.018	13.0	9.0	4.0	10.0	0.6	C322G183-40****+++
0.022	13.0	9.0	4.0	10.0	0.6	C322G223-40****+++
0.027	13.0	9.0	4.0	10.0	0.6	C322G273-40****+++
0.033	13.0	9.0	4.0	10.0	0.6	C322G333-40****+++
0.039	13.0	9.0	4.0	10.0	0.6	C322G393-40****+++
0.047	13.0	11.0	5.0	10.0	0.6	C322G473-40****+++
0.056	13.0	11.0	5.0	10.0	0.6	C322G563-40****+++
0.068	13.0	11.0	5.0	10.0	0.6	C322G683-40****+++
0.082	13.0	12.0	6.0	10.0	0.6	C322G823-40****+++
0.10	13.0	12.0	6.0	10.0	0.6	C322G104-40****+++
0.068	17.5	11.0	5.0	15.0	0.8	C322G683-60****+++
0.082	17.5	11.0	5.0	15.0	0.8	C322G823-60****+++

400Vdc (220Vac)@						
C _R (μF)	W	H	T	P	d	Part number
0.10	17.5	11.0	5.0	15.0	0.8	C322G104-60****+++
0.12	17.5	11.0	5.0	15.0	0.8	C322G124-60****+++
0.15	17.5	12.0	6.0	15.0	0.8	C322G154-60****+++
0.18	17.5	12.0	6.0	15.0	0.8	C322G184-60****+++
0.22	17.5	13.5	7.5	15.0	0.8	C322G224-60****+++
0.27	17.5	13.5	7.5	15.0	0.8	C322G274-60****+++
0.33	17.5	14.5	8.5	15.0	0.8	C322G334-60****+++
0.39	17.5	16.0	10.0	15.0	0.8	C322G394-60****+++
0.47	17.5	16.0	10.0	15.0	0.8	C322G474-60****+++
0.56	17.5	19.0	11.0	15.0	0.8	C322G564-60****+++
0.68	17.5	19.0	11.0	15.0	0.8	C322G684-60****+++
0.18	26.5	15.0	6.0	22.5	0.8	C322G184-90****+++
0.22	26.5	15.0	6.0	22.5	0.8	C322G224-90****+++
0.27	26.5	15.0	6.0	22.5	0.8	C322G274-90****+++
0.33	26.5	15.0	6.0	22.5	0.8	C322G334-90****+++
0.39	26.5	16.0	7.0	22.5	0.8	C322G394-90****+++
0.47	26.5	16.0	7.0	22.5	0.8	C322G474-90****+++
0.56	26.5	17.0	8.5	22.5	0.8	C322G564-90****+++
0.68	26.5	17.0	8.5	22.5	0.8	C322G684-90****+++
0.82	26.5	18.5	10.0	22.5	0.8	C322G824-90****+++
1.0	26.5	20.0	11.0	22.5	0.8	C322G105-90****+++
1.2	26.5	22.0	12.0	22.5	0.8	C322G125-90****+++
1.5	26.5	22.0	12.0	22.5	0.8	C322G155-90****+++
0.56	32.0	18.0	9.0	27.5	0.8	C322G564-B0****+++
0.68	32.0	18.0	9.0	27.5	0.8	C322G684-B0****+++
0.82	32.0	18.0	9.0	27.5	0.8	C322G824-B0****+++
1.0	32.0	18.0	9.0	27.5	0.8	C322G105-B0****+++
1.2	32.0	20.0	11.0	27.5	0.8	C322G125-B0****+++
1.5	32.0	20.0	11.0	27.5	0.8	C322G155-B0****+++
1.8	32.0	22.0	13.0	27.5	0.8	C322G185-B0****+++
2.2	32.0	24.5	15.0	27.5	0.8	C322G225-B0****+++
2.7	32.0	28.0	14.0	27.5	0.8	C322G275-B0****+++
3.3	32.0	33.0	18.0	27.5	0.8	C322G335-B0****+++
3.9	32.0	33.0	18.0	27.5	0.8	C322G395-B0****+++
4.7	32.0	37.0	22.0	27.5	0.8	C322G475-B0****+++
5.6	32.0	37.0	22.0	27.5	0.8	C322G565-B0****+++

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M= ± 20%,K= ± 10%,J= ± 5%,H= ± 3%,G= ± 2%
 2. “****”表示引线加工和包装代码(见表1)。“****”=lead form and packaging code(refer to table 1)
 3. “@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors(Pag. 116)

■ 外形尺寸 Dimensions(mm)

630Vdc (250Vac) [@]							630Vdc (250Vac) [@]							630Vdc (250Vac) [@]						
C _R (μF)	W	H	T	P	d	Part number	C _R (μF)	W	H	T	P	d	Part number	C _R (μF)	W	H	T	P	d	Part number
0.0010	7.2	7.5	3.5	5.0	0.5	C322J102-20****+++	0.027	10.5	12.0	6.0	7.5	0.6	C322J273-30****+++	0.12	17.5	13.5	7.5	15.0	0.8	C322J124-60****+++
0.0012	7.2	7.5	3.5	5.0	0.5	C322J122-20****+++	0.033	10.5	12.0	6.0	7.5	0.6	C322J333-30****+++	0.15	17.5	13.5	7.5	15.0	0.8	C322J154-60****+++
0.0015	7.2	7.5	3.5	5.0	0.5	C322J152-20****+++	0.0010	13.0	9.0	4.0	10.0	0.6	C322J102-40****+++	0.18	17.5	14.5	8.5	15.0	0.8	C322J184-60****+++
0.0018	7.2	7.5	3.5	5.0	0.5	C322J182-20****+++	0.0012	13.0	9.0	4.0	10.0	0.6	C322J122-40****+++	0.22	17.5	16.0	10.0	15.0	0.8	C322J224-60****+++
0.0022	7.2	7.5	3.5	5.0	0.5	C322J222-20****+++	0.0015	13.0	9.0	4.0	10.0	0.6	C322J152-40****+++	0.27	17.5	19.0	11.0	15.0	0.8	C322J274-60****+++
0.0027	7.2	7.5	3.5	5.0	0.5	C322J272-20****+++	0.0018	13.0	9.0	4.0	10.0	0.6	C322J182-40****+++	0.33	17.5	19.0	11.0	15.0	0.8	C322J334-60****+++
0.0033	7.2	7.5	3.5	5.0	0.5	C322J332-20****+++	0.0022	13.0	9.0	4.0	10.0	0.6	C322J222-40****+++	0.082	26.5	15.0	6.0	22.5	0.8	C322J823-90****+++
0.0039	7.2	9.5	4.5	5.0	0.6	C322J392-20****+++	0.0027	13.0	9.0	4.0	10.0	0.6	C322J272-40****+++	0.10	26.5	15.0	6.0	22.5	0.8	C322J104-90****+++
0.0047	7.2	9.5	4.5	5.0	0.6	C322J472-20****+++	0.0033	13.0	9.0	4.0	10.0	0.6	C322J332-40****+++	0.12	26.5	15.0	6.0	22.5	0.8	C322J124-90****+++
0.0056	7.2	10.0	5.0	5.0	0.6	C322J562-20****+++	0.0039	13.0	9.0	4.0	10.0	0.6	C322J392-40****+++	0.15	26.5	15.0	6.0	22.5	0.8	C322J154-90****+++
0.0068	7.2	10.0	5.0	5.0	0.6	C322J682-20****+++	0.0047	13.0	9.0	4.0	10.0	0.6	C322J472-40****+++	0.18	26.5	15.0	6.0	22.5	0.8	C322J184-90****+++
0.0082	7.2	11.0	6.0	5.0	0.6	C322J822-20****+++	0.0056	13.0	9.0	4.0	10.0	0.6	C322J562-40****+++	0.22	26.5	16.0	7.0	22.5	0.8	C322J224-90****+++
0.010	7.2	11.0	6.0	5.0	0.6	C322J103-20****+++	0.0068	13.0	9.0	4.0	10.0	0.6	C322J682-40****+++	0.27	26.5	17.0	8.5	22.5	0.8	C322J274-90****+++
0.012	7.2	11.0	6.0	5.0	0.6	C322J123-20****+++	0.0082	13.0	9.0	4.0	10.0	0.6	C322J822-40****+++	0.33	26.5	17.0	8.5	22.5	0.8	C322J334-90****+++
0.0010	10.5	9.0	4.0	7.5	0.6	C322J102-30****+++	0.010	13.0	9.0	4.0	10.0	0.6	C322J103-40****+++	0.39	26.5	18.5	10.0	22.5	0.8	C322J394-90****+++
0.0012	10.5	9.0	4.0	7.5	0.6	C322J122-30****+++	0.012	13.0	9.0	4.0	10.0	0.6	C322J123-40****+++	0.47	26.5	18.5	10.0	22.5	0.8	C322J474-90****+++
0.0015	10.5	9.0	4.0	7.5	0.6	C322J152-30****+++	0.015	13.0	9.0	4.0	10.0	0.6	C322J153-40****+++	0.56	26.5	20.0	11.0	22.5	0.8	C322J564-90****+++
0.0018	10.5	9.0	4.0	7.5	0.6	C322J182-30****+++	0.018	13.0	9.0	4.0	10.0	0.6	C322J183-40****+++	0.68	26.5	22.0	12.0	22.5	0.8	C322J684-90****+++
0.0022	10.5	9.0	4.0	7.5	0.6	C322J222-30****+++	0.022	13.0	11.0	5.0	10.0	0.6	C322J223-40****+++	0.33	32.0	18.0	9.0	27.5	0.8	C322J334-B0****+++
0.0027	10.5	9.0	4.0	7.5	0.6	C322J272-30****+++	0.027	13.0	11.0	5.0	10.0	0.6	C322J273-40****+++	0.39	32.0	18.0	9.0	27.5	0.8	C322J394-B0****+++
0.0033	10.5	9.0	4.0	7.5	0.6	C322J332-30****+++	0.033	13.0	11.0	5.0	10.0	0.6	C322J333-40****+++	0.47	32.0	18.0	9.0	27.5	0.8	C322J474-B0****+++
0.0039	10.5	9.0	4.0	7.5	0.6	C322J392-30****+++	0.039	13.0	12.0	6.0	10.0	0.6	C322J393-40****+++	0.56	32.0	20.0	11.0	27.5	0.8	C322J564-B0****+++
0.0047	10.5	9.0	4.0	7.5	0.6	C322J472-30****+++	0.047	13.0	12.0	6.0	10.0	0.6	C322J473-40****+++	0.68	32.0	20.0	11.0	27.5	0.8	C322J684-B0****+++
0.0056	10.5	9.0	4.0	7.5	0.6	C322J562-30****+++	0.027	17.5	11.0	5.0	15.0	0.8	C322J273-60****+++	0.82	32.0	20.0	11.0	27.5	0.8	C322J824-B0****+++
0.0068	10.5	9.0	4.0	7.5	0.6	C322J682-30****+++	0.033	17.5	11.0	5.0	15.0	0.8	C322J333-60****+++	1.0	32.0	22.0	13.0	27.5	0.8	C322J105-B0****+++
0.0082	10.5	9.0	4.0	7.5	0.6	C322J822-30****+++	0.039	17.5	11.0	5.0	15.0	0.8	C322J393-60****+++	1.2	32.0	24.5	15.0	27.5	0.8	C322J125-B0****+++
0.010	10.5	9.0	4.0	7.5	0.6	C322J103-30****+++	0.047	17.5	11.0	5.0	15.0	0.8	C322J473-60****+++	1.5	32.0	28.0	14.0	27.5	0.8	C322J155-B0****+++
0.012	10.5	9.0	4.0	7.5	0.6	C322J123-30****+++	0.056	17.5	11.0	5.0	15.0	0.8	C322J563-60****+++	1.8	32.0	33.0	18.0	27.5	0.8	C322J185-B0****+++
0.015	10.5	11.0	5.0	7.5	0.6	C322J153-30****+++	0.068	17.5	12.0	6.0	15.0	0.8	C322J683-60****+++	2.2	32.0	33.0	18.0	27.5	0.8	C322J225-B0****+++
0.018	10.5	11.0	5.0	7.5	0.6	C322J183-30****+++	0.082	17.5	12.0	6.0	15.0	0.8	C322J823-60****+++	2.7	32.0	37.0	22.0	27.5	0.8	C322J275-B0****+++
0.022	10.5	11.0	5.0	7.5	0.6	C322J223-30****+++	0.10	17.5	13.5	7.5	15.0	0.8	C322J104-60****+++	3.3	32.0	37.0	22.0	27.5	0.8	C322J335-B0****+++

Note: 1. “-” =capacitance tolerance code, M= ± 20%,K= ± 10%,J= ± 5%
 2. “****” =lead form and packing code(refer to table 1)
 3. “@” Not suitable for across-the-line applications. Pls refer to Interference Suppression Capacitors(Pag. 116)



C32
MKP21 series

Guang Zhou Nan Cai Electronic CO.,LTD.
<http://www.egznc.com>

■ 外形尺寸 Dimensions(mm)

1 000Vdc (400Vac)							1 600Vdc (600Vac)							2 000Vdc (700Vac)						
C _R (μF)	W	H	T	P	d	Part number	C _R (μF)	W	H	T	P	d	Part number	C _R (μF)	W	H	T	P	d	Part number
0.0010	13.0	9.0	4.0	10.0	0.6	C323A102-40****++	0.00056	17.5	11.0	5.0	15.0	0.8	C323C561-60****++	0.00056	17.5	11.0	5.0	15.0	0.8	C323D561-60****++
0.0012	13.0	9.0	4.0	10.0	0.6	C323A122-40****++	0.00062	17.5	11.0	5.0	15.0	0.8	C323C621-60****++	0.00062	17.5	11.0	5.0	15.0	0.8	C323D621-60****++
0.0015	13.0	9.0	4.0	10.0	0.6	C323A152-40****++	0.00068	17.5	11.0	5.0	15.0	0.8	C323C681-60****++	0.00068	17.5	11.0	5.0	15.0	0.8	C323D681-60****++
0.0018	13.0	9.0	4.0	10.0	0.6	C323A182-40****++	0.00082	17.5	11.0	5.0	15.0	0.8	C323C821-60****++	0.00082	17.5	11.0	5.0	15.0	0.8	C323D821-60****++
0.0022	13.0	9.0	4.0	10.0	0.6	C323A222-40****++	0.0010	17.5	11.0	5.0	15.0	0.8	C323C102-60****++	0.0010	17.5	11.0	5.0	15.0	0.8	C323D102-60****++
0.0027	13.0	9.0	4.0	10.0	0.6	C323A272-40****++	0.0012	17.5	11.0	5.0	15.0	0.8	C323C122-60****++	0.0012	17.5	11.0	5.0	15.0	0.8	C323D122-60****++
0.0033	13.0	9.0	4.0	10.0	0.6	C323A332-40****++	0.0015	17.5	11.0	5.0	15.0	0.8	C323C152-60****++	0.0015	17.5	11.0	5.0	15.0	0.8	C323D152-60****++
0.0039	13.0	9.0	4.0	10.0	0.6	C323A392-40****++	0.0018	17.5	11.0	5.0	15.0	0.8	C323C182-60****++	0.0018	17.5	11.0	5.0	15.0	0.8	C323D182-60****++
0.0047	13.0	11.0	5.0	10.0	0.6	C323A472-40****++	0.0022	17.5	11.0	5.0	15.0	0.8	C323C222-60****++	0.0022	17.5	11.0	5.0	15.0	0.8	C323D222-60****++
0.0056	13.0	11.0	5.0	10.0	0.6	C323A562-40****++	0.0027	17.5	11.0	5.0	15.0	0.8	C323C272-60****++	0.0027	17.5	11.0	5.0	15.0	0.8	C323D272-60****++
0.0068	13.0	11.0	5.0	10.0	0.6	C323A682-40****++	0.0033	17.5	11.0	5.0	15.0	0.8	C323C332-60****++	0.0033	17.5	11.0	5.0	15.0	0.8	C323D332-60****++
0.0082	13.0	12.0	6.0	10.0	0.6	C323A822-40****++	0.0039	17.5	11.0	5.0	15.0	0.8	C323C392-60****++	0.0039	17.5	11.0	5.0	15.0	0.8	C323D392-60****++
0.010	13.0	12.0	6.0	10.0	0.6	C323A103-40****++	0.0047	17.5	11.0	5.0	15.0	0.8	C323C472-60****++	0.0047	17.5	11.0	5.0	15.0	0.8	C323D472-60****++
0.0022	17.5	11.0	5.0	15.0	0.8	C323A222-60****++	0.0056	17.5	11.0	5.0	15.0	0.8	C323C562-60****++	0.0056	17.5	12.0	6.0	15.0	0.8	C323D562-60****++
0.0027	17.5	11.0	5.0	15.0	0.8	C323A272-60****++	0.0068	17.5	11.0	5.0	15.0	0.8	C323C682-60****++	0.0068	17.5	12.0	6.0	15.0	0.8	C323D682-60****++
0.0033	17.5	11.0	5.0	15.0	0.8	C323A332-60****++	0.0082	17.5	12.0	6.0	15.0	0.8	C323C822-60****++	0.0082	17.5	13.5	7.5	15.0	0.8	C323D822-60****++
0.0039	17.5	11.0	5.0	15.0	0.8	C323A392-60****++	0.010	17.5	12.0	6.0	15.0	0.8	C323C103-60****++	0.010	17.5	13.5	7.5	15.0	0.8	C323D103-60****++
0.0047	17.5	11.0	5.0	15.0	0.8	C323A472-60****++	0.012	17.5	12.0	6.0	15.0	0.8	C323C123-60****++	0.012	17.5	14.5	8.5	15.0	0.8	C323D123-60****++
0.0056	17.5	11.0	5.0	15.0	0.8	C323A562-60****++	0.015	17.5	13.5	7.5	15.0	0.8	C323C153-60****++	0.015	17.5	14.5	8.5	15.0	0.8	C323D153-60****++
0.0068	17.5	11.0	5.0	15.0	0.8	C323A682-60****++	0.018	17.5	13.5	7.5	15.0	0.8	C323C183-60****++	0.018	17.5	16.0	10.0	15.0	0.8	C323D183-60****++
0.0082	17.5	11.0	5.0	15.0	0.8	C323A822-60****++	0.022	17.5	14.5	8.5	15.0	0.8	C323C223-60****++	0.022	17.5	19.0	11.0	15.0	0.8	C323D223-60****++
0.010	17.5	11.0	5.0	15.0	0.8	C323A103-60****++	0.027	17.5	16.0	10.0	15.0	0.8	C323C273-60****++	0.0068	26.5	15.0	6.0	22.5	0.8	C323D682-90****++
0.012	17.5	11.0	5.0	15.0	0.8	C323A123-60****++	0.033	17.5	16.0	10.0	15.0	0.8	C323C333-60****++	0.0082	26.5	15.0	6.0	22.5	0.8	C323D822-90****++
0.015	17.5	12.0	6.0	15.0	0.8	C323A153-60****++	0.039	17.5	19.0	11.0	15.0	0.8	C323C393-60****++	0.010	26.5	15.0	6.0	22.5	0.8	C323D103-90****++
0.018	17.5	12.0	6.0	15.0	0.8	C323A183-60****++	0.047	17.5	19.0	11.0	15.0	0.8	C323C473-60****++	0.012	26.5	15.0	6.0	22.5	0.8	C323D123-90****++
0.022	17.5	13.5	7.5	15.0	0.8	C323A223-60****++	0.015	26.5	15.0	6.0	22.5	0.8	C323C153-90****++	0.015	26.5	15.0	6.0	22.5	0.8	C323D153-90****++
0.027	17.5	13.5	7.5	15.0	0.8	C323A273-60****++	0.018	26.5	15.0	6.0	22.5	0.8	C323C183-90****++	0.018	26.5	16.0	7.0	22.5	0.8	C323D183-90****++
0.033	17.5	14.5	8.5	15.0	0.8	C323A333-60****++	0.022	26.5	15.0	6.0	22.5	0.8	C323C223-90****++	0.022	26.5	17.0	8.5	22.5	0.8	C323D223-90****++
0.039	17.5	16.0	10.0	15.0	0.8	C323A393-60****++	0.027	26.5	16.0	7.0	22.5	0.8	C323C273-90****++	0.027	26.5	17.0	8.5	22.5	0.8	C323D273-90****++
0.047	17.5	16.0	10.0	15.0	0.8	C323A473-60****++	0.033	26.5	16.0	7.0	22.5	0.8	C323C333-90****++	0.033	26.5	18.5	10.0	22.5	0.8	C323D333-90****++
0.056	17.5	19.0	11.0	15.0	0.8	C323A563-60****++	0.039	26.5	17.0	8.5	22.5	0.8	C323C393-90****++	0.039	26.5	18.5	10.0	22.5	0.8	C323D393-90****++
0.068	17.5	19.0	11.0	15.0	0.8	C323A683-60****++	0.047	26.5	18.5	10.0	22.5	0.8	C323C473-90****++	0.047	26.5	22.0	12.0	22.5	0.8	C323D473-90****++
0.018	26.5	15.0	6.0	22.5	0.8	C323A183-90****++	0.056	26.5	18.5	10.0	22.5	0.8	C323C563-90****++	0.056	26.5	22.0	12.0	22.5	0.8	C323D563-90****++
0.022	26.5	15.0	6.0	22.5	0.8	C323A223-90****++	0.068	26.5	22.0	12.0	22.5	0.8	C323C683-90****++	0.068	26.5	22.0	12.0	22.5	0.8	C323C823-90****++
0.027	26.5	15.0	6.0	22.5	0.8	C323A273-90****++	0.082	26.5	22.0	12.0	22.5	0.8	C323C823-90****++	0.082	26.5	22.0	12.0	22.5	0.8	C323C823-90****++
0.033	26.5	15.0	6.0	22.5	0.8	C323A333-90****++	0.10	26.5	22.0	12.0	22.5	0.8	C323C104-90****++	0.10	26.5	22.0	12.0	22.5	0.8	C323C104-90****++
0.039	26.5	15.0	6.0	22.5	0.8	C323A393-90****++														
0.047	26.5	16.0	7.0	22.5	0.8	C323A473-90****++														
0.056	26.5	16.0	7.0	22.5	0.8	C323A563-90****++														
0.068	26.5	17.0	8.5	22.5	0.8	C323A683-90****++														
0.082	26.5	17.0	8.5	22.5	0.8	C323A823-90****++														
0.10	26.5	18.5	10.0	22.5	0.8	C323A104-90****++														
0.12	26.5	22.0	12.0	22.5	0.8	C323A124-90****++														
0.15	26.5	22.0	12.0	22.5	0.8	C323A154-90****++														

备注: 1. “-”表示容量偏差。“-”=capacitance tolerance code, M=±20%,K=±10%,J=±5%,H=±3%,G=±2%
2. “****”表示引线加工和包装代码(见表1)。“****”=lead form and packaging code(refer to table 1)