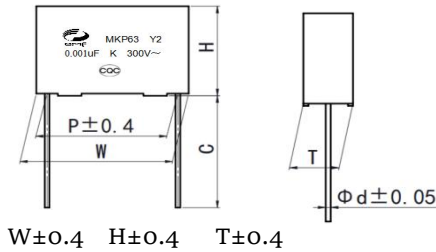
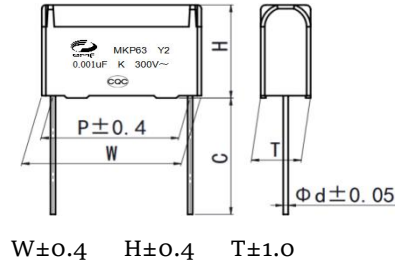


金属化聚丙烯膜抗干扰电容器 (Y2 类, 300Vac) Metallized polypropylene film Interference Suppression capacitor(Class Y2, 300Vac)

■ 外形图 Outline Drawing



方底(Square-bottom)



圆弧底(Arc-bottom)

■ 特点

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 用于电源接地、旁路、无线耦合等抗干扰场合

■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Used in line to ground, line-by-pass, antenna coupling Interference suppression circuit, etc.

■ 安全认证 safety APPROVALS

●		CQC(中国)	Iec60384-14:2015 ; Y2 ; 300Vac ; 0.001 μ F ~ 1.0 μ F 40/110/56/B (certificate No): CQC23001389113
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■ 技术要求 Specifications

电容器类别 Class	Y2 类		
气候类别 / 阻燃等级 Clmatic Gategory/Passive Flammability Gategory	40/110/56/B		
工作温度范围 Operating Temperature Range	-40°C ~ 110°C		
额定电压 Rared Voltage (UR)	300Vac		
最大连续直流电压 Maximum oantnuous DC Voltage	1500Vdc		
电容量范围 Capacitance Range	0.001 μ F ~ 0.68 μ F		
电容量偏差 Capacitance Tolerance	$\pm 10\%$ (K) ; $\pm 20\%$ (M)		
耐电压 Voltage proof	引线之间 Between Termnals	2000Vac (2S) or	4000Vdc (2S) $C_N \leq 0.33 \mu$ F
			3700Vdc (2S) $C_N > 0.33 \mu$
	极壳之间 Between Termnals To Case	2500Vac 1min 25°C	
绝缘电阻 Insulation Resistance	$C_N \leq 0.33 \mu$ F, $IR \geq 25000 M\Omega$ $C_N > 0.33 \mu$ F, $IR \geq 7500 S$ (25°C 100V 1min)		
损耗角正切 Dissipation Factor (tg δ) (1KHZ 25°C)	$\leq 0.1\%$ $C_N \leq 0.33 \mu$ F	$\leq 0.1\%$ 0.33μ F < $C_N \leq 1.0 \mu$ F	

■ 产品编码说明 Part number system

● 27位产品代码如下: The 27 digits part number is formed as follow:

<u>KP63.</u>	<u>104</u>	<u>J</u>	<u>30</u>	<u>15</u>	<u>LL0</u>	<u>3R5</u>	<u>R</u>	<u>2</u>	<u>000</u>	<u>C30</u>
型号	容量	容偏	电压	脚距	脚形	脚长	颜色	线径	特征	壳号
第1~5 位	型号代码				Digit 1 to 5	Series code				
	KP63. = MKP63					KP63. = MKP63				
第6~8 位	标称容量				Digit 6 to 8	Rated capacitance value				
	举例: 103=10×10 ³ PF=10nF=0.01μF					for example: 103=10×10 ³ PF=10nFF=0.01μF				
第 9 位	容量偏差				Digit 9	Capacitance tolerance				
	J=±5% K=±10% M=±20%					J=±5% K=±10% M=±20%				
第10~11位	交流额定电压				Digit 10 to 11	AC rated voltage				
	25=250Vac 27=275Vac 31=310Vac					25=250Vac 27=275Vac 31=310Vac				
第12~13位	引线脚距				Digit 12 to 13	Pitch				
	7P= 7.5mm 10= 10mm 15= 15 mm					7P= 7.5mm 10= 10mm 15= 15 mm				
	17=17.5mm 20= 20mm 22=22.5mm					17=17.5mm 20= 20mm 22=22.5mm				
	27=27.5mm 32=32.5mm 37=37.5mm					27=27.5mm 32=32.5mm 37=37.5mm				
第 14~16 位	引脚形状				Digit 14 to 16	Pin shape				
	长直脚=LL0					Long straight leads: LL0				
	短直脚=SL0					Short straight leads: SL0				
	90° 弯脚=RA0					90° bending:RA0				
第17~19 位	引脚长度				Digit 17 to 19	Lead length				
	2R5=2.5mm 3R5=3.5mm 10R=10mm					2R5=2.5mm 3R5=3.5mm 10R=10mm				
	100=100mm 000=编带料					100=100mm 000=编带料				
第 20 位	颜色				Digit 20	Colour				
	红色=R 黄色=Y 灰色=G 黑色=B					Red=R Yellow=Y Gray=G Black=B				
第 21 位	引线直径				Digit 21	Lead diameter				
	CP: 1=0.6mm 2=0.75mm 3=0.8mm					CP: 1=0.6mm 2=0.75mm 3=0.8mm				
	Cμ: A=0.6mm B=0.7mm C=0.75mm					Cμ: A=0.6mm B=0.7mm C=0.75mm				
第22~24 位	内部特征				Digit 22 to 24	Internal characteristics				
	低功耗=P 低温升=T 低噪音=N					Low power=P Low temperature rise=T Low noise=N				
	高方阻=R 无卤=H 双 85=B					High Square resistance=R Double 85=B				
第 25~27 位	塑壳代号				Digit 25 to 27					
	B3LT=B3L C5YP-3=C53 D2=D20					B3LT=B3L C5YP-3=C53 D2=D20				
	D2-1=D21 D5 大=D5D E3=E30					D2-1=D21 D5 大=D5D E3=E30				

■ 外形尺寸 (Dimensions)

CN (μ F)	W	H	T	P	d	Part number	CN (μ F)	W	H	T	P	d	Part number
0.001	10.0	9.0	4.0	7.5	0.6	KP63.102K30****	0.015	18.0	11.0	5.0	15.0	0.75	KP63.153K30****
0.0015	10.0	9.0	4.0	7.5	0.6	KP63.152K30****	0.018	18.0	12.0	6.0	15.0	0.75	KP63.183K30****
0.0018	10.0	9.0	4.0	7.5	0.6	KP63.182K30****	0.022	18.0	12.0	6.0	15.0	0.75	KP63.223K30****
0.0022	10.0	9.0	4.0	7.5	0.6	KP63.222K30****	0.027	18.0	12.0	6.0	15.0	0.75	KP63.273K30****
0.0027	10.0	9.0	4.0	7.5	0.6	KP63.272K30****	0.033	18.0	15.0	9.0	15.0	0.75	KP63.333K30****
0.0033	10.0	11.0	5.0	7.5	0.6	KP63.332K30****	0.039	18.0	15.0	9.0	15.0	0.75	KP63.393K30****
0.0039	10.0	11.0	5.0	7.5	0.6	KP63.392K30****	0.033	18.0	15.0	9.0	15.0	0.75	KP63.333K30****
0.0047	10.0	12.0	6.0	7.5	0.6	KP63.472K30****	0.047	18.0	15.0	9.0	15.0	0.75	KP63.473K30****
0.0056	10.0	12.0	6.0	7.5	0.6	KP63.562K30****	0.056	18.0	16.0	10.0	15.0	0.75	KP63.563K30****
0.001	13.0	11.0	5.0	10.0	0.6	KP63.102K30****	0.068	18.0	16.0	10.0	15.0	0.75	KP63.683K30****
0.0012	13.0	11.0	5.0	10.0	0.6	KP63.122K30****	0.082	18.0	19.0	11.0	15.0	0.75	KP63.823K30****
0.0015	13.0	11.0	5.0	10.0	0.6	KP63.152K30****	0.033	26.5	15.0	6.0	22.5	0.8	KP63.333K30****
0.0018	13.0	11.0	5.0	10.0	0.6	KP63.182K30****	0.039	26.5	15.0	6.0	22.5	0.8	KP63.473K30****
0.0022	13.0	11.0	5.0	10.0	0.6	KP63.222K30****	0.047	26.5	15.0	6.0	22.5	0.8	KP63.473K30****
0.0027	13.0	11.0	5.0	10.0	0.6	KP63.272K30****	0.056	26.5	15.0	6.0	22.5	0.8	KP63.473K30****
0.0033	13.0	11.0	5.0	10.0	0.6	KP63.332K30****	0.068	26.5	16.0	7.0	22.5	0.8	KP63.683K30****
0.0039	13.0	11.0	5.0	10.0	0.6	KP63.392K30****	0.082	26.5	16.0	7.0	22.5	0.8	KP63.823K30****
0.0047	13.0	11.0	5.0	10.0	0.6	KP63.472K30****	0.10	26.5	18.0	9.0	22.5	0.8	KP63.104K30****
0.0056	13.0	11.0	5.0	10.0	0.6	KP63.562K30****	0.12	26.5	18.0	9.0	22.5	0.8	KP63.124K30****
0.0068	13.0	11.0	5.0	10.0	0.6	KP63.682K30****	0.15	26.5	18.5	10.0	22.5	0.8	KP63.154K30****
0.0082	13.0	12.0	6.0	10.0	0.6	KP63.822K30****	0.18	26.5	20.0	11.0	22.5	0.8	KP63.184K30****
0.01	13.0	12.0	6.0	10.0	0.6	KP63.103K01****	0.22	26.5	22.0	12.0	22.5	0.8	KP63.224K30****
0.015	13.0	12.0	6.0	10.0	0.6	KP63.153K30****	0.27	26.5	23.0	13.5	22.5	0.8	KP63.274K30****
0.0022	18.0	9.5	5.0	15.0	0.75	KP63.222K30****	0.10	32.0	18.0	9.0	27.5	0.8	KP63.104K30****
0.0027	18.0	9.5	5.0	15.0	0.75	KP63.272K30****	0.12	32.0	18.0	9.0	27.5	0.8	KP63.124K30****
0.0033	18.0	9.5	5.0	15.0	0.75	KP63.332K30****	0.15	32.0	18.0	9.0	27.5	0.8	KP63.154K30****
0.0039	18.0	9.5	5.0	15.0	0.75	KP63.392K30****	0.18	32.0	20.0	11.0	27.5	0.8	KP63.184K30****
0.0047	18.0	11.0	5.0	15.0	0.75	KP63.472K30****	0.22	32.0	21.5	13.0	27.5	0.8	KP63.224K30****
0.0056	18.0	11.0	5.0	15.0	0.75	KP63.562K30****	0.27	32.0	22.0	13.0	27.5	0.8	KP63.274K30****
0.0068	18.0	11.0	5.0	15.0	0.75	KP63.682K30****	0.33	32.0	25.0	13.0	27.5	0.8	KP63.334K30****
0.0082	18.0	11.0	5.0	15.0	0.75	KP63.822K30****	0.39	32.0	24.5	15.0	27.5	0.8	KP63.394K30****
0.01	18.0	11.0	5.0	15.0	0.75	KP63.472K30****	0.47	32.0	30.0	16.0	27.5	0.8	KP63.474K30****
0.012	18.0	11.0	5.0	15.0	0.75	KP63.103K30****	0.68	32.0	30.0	21.0	27.5	0.8	KP63.684K30****