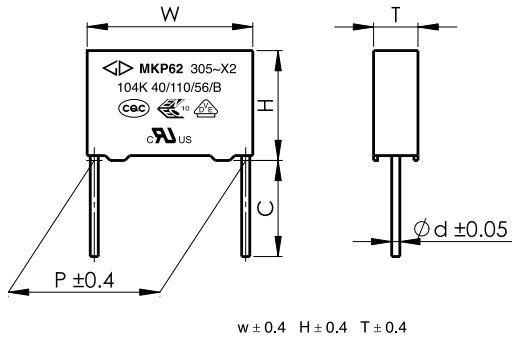


金属化聚丙烯膜抗干扰电容器 (X2类, 305Vac/275Vac, 小型化) Metallized polypropylene film Interference Suppression capacitor (Class X2, 305Vac/275Vac, Miniature version)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 用于电源跨线路等抗干扰场合(室内)

■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Used in across-the-line, interference suppression circuit (indoor applications)

■ 安全认证 Safety Approvals

●		CQC (中国)	IEC 60384-14:2013, X2, 305Vac/275Vac, 0.0010μF~50.0μF, 40/110/56/B 证书号(Certificate No.): CQC03001002875
●		ENEC-VDE (欧盟)	EN 60384-14:2013+A1:2016, X2, 305Vac/275Vac, 0.0010μF~50.0μF, 40/110/56/B 证书号(Certificate No.): 40000358
●		UL/CUL (美国/加拿大)	UL 60384-14:2009, CSA E60384-14:09, X2, 305Vac/275Vac, 0.0010μF~50.0μF, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX2/8
●		KC (韩国)	K 60384-14(2006-12), X2, 305Vac/275Vac, 0.0010μF~3.0μF, 40/110/56/B 证书号(Certificate No.): SU03060-12001A/12002/12003/12004

■ 技术要求 Specifications

气候类别 / 阻燃等级 Climatic Category/Passive Flammability Category	40/110/56/B		
工作温度范围 Operating Temperature Range	-40 ~ +110		
额定电压 Rated Voltage (U _R)	305Vac/275Vac, 50/60Hz		
最大额定电源电压 Max rated supply mains voltage	250Vac, 50/60Hz		
电容量范围 Capacitance Range	0.033μF ~ 0.47μF		
电容量偏差 Capacitance Tolerance	± 10%(K), ± 20%(M)		
耐电压 Voltage Proof	引线之间 Between Terminals:	4.3U _R (dc),2s	
	极壳之间 Between Terminals To Case:	2 120Vac, 1min	
绝缘电阻 Insulation Resistance	R ≥ 15 000MΩ, C _N ≤ 0.33μF RC _N ≥ 5 000s, C _N > 0.33μF (20 ,100V, 1min)		
损耗角正切 Dissipation Factor (tan δ)	0.033μF ≤ C _N < 0.47μF	≤ 10 × 10 ⁻⁴ (1kHz,20)	≤ 20 × 10 ⁻⁴ (10kHz,20)
	C _N = 0.47μF	≤ 20 × 10 ⁻⁴ (1kHz,20)	≤ 40 × 10 ⁻⁴ (10kHz,20)
注 :1. 如果需要用到承载一定纹波电流场合, 建议选用 C6A 等专用的滤波电容器; 如有疑问, 请与我司技术工程师联系; 2. 若用于户外或长期湿度较大场合, 建议选用防潮设计。			
If used in application which has ripple current applied, recommend to use AC filter series: C6A etc ; If have any questions please contact our technical engineer for more detail ; For outdoor or severe humidity condition application, recommend to use THB series.			



MKP62

Code: C42

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	4	2															

第1~3位 型号代码

C42=MKP62

Digit 1 to 3

Series code

C42=MKP62

第4~5位 交流额定电压

Q2=305V P2=275V

Digit 4 to 5

AC rated voltage

Q2=305V P2=275V

第6~8位 标称容量

举例: 103=10 × 10³pF=0.01μF

Digit 6 to 8

Rated capacitance value

For example: 103=10 × 10³pF=0.01μF

第9位 容量偏差

K= ± 10%, M= ± 20%

Digit 9

Capacitance tolerance

K= ± 10%, M= ± 20%

第10位 引线脚距P

3=7.5mm 4=10.0mm 6=15.0mm

Digit 10

Pitch

3=7.5mm 4=10.0mm 6=15.0mm

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

■ Table 1 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	3	F=7.5mm	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=7.5mm)
		4	F=10.0mm			5	P3=25.4mm;H=18.5mm (For pitch=10.0/15.0mm) (Detail parameter refer to catalogue pag 17)
		6	F=15.0mm				
C	直脚 straight lead “C” in the figure above	代码 Code	说明 explanation		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				

■ 外形尺寸 Dimensions (mm)

305Vac/275Vac [#]						
C _N (μF)	W	H	T	P	d	Part number
0.033M	10.5	9.0	4.0	7.5	0.6	C42Q2333M3F****+++
0.033K	10.5	11.0	5.0	7.5	0.6	C42Q2333K3F****+++
0.039	10.5	11.0	5.0	7.5	0.6	C42Q2393-3F****+++
0.047	10.5	11.0	5.0	7.5	0.6	C42Q2473-3F****+++
0.056	10.5	11.0	5.0	7.5	0.6	C42Q2563-3F****+++
0.068	10.5	12.0	6.0	7.5	0.6	C42Q2683-3F****+++
0.082	10.5	12.0	6.0	7.5	0.6	C42Q2823-3F****+++
0.033	13.0	9.0	4.0	10.0	0.6	C42Q2333-4F****+++
0.039	13.0	9.0	4.0	10.0	0.6	C42Q2393-4F****+++
0.047	13.0	9.0	4.0	10.0	0.6	C42Q2473-4F****+++
0.056	13.0	9.0	4.0	10.0	0.6	C42Q2563-4F****+++
0.068	13.0	11.0	5.0	10.0	0.6	C42Q2683-4F****+++
0.082	13.0	11.0	5.0	10.0	0.6	C42Q2823-4F****+++
0.10M	13.0	10.0	5.0	10.0	0.6	C42Q2104M4G****+++
0.10	13.0	11.0	5.0	10.0	0.6	C42Q2104-4F****+++
0.12	13.0	12.0	6.0	10.0	0.6	C42Q2124-4F****+++
0.15M	13.0	12.0	6.0	10.0	0.6	C42Q2154M4F****+++
0.15K	13.0	13.0	7.0	10.0	0.6	C42Q2154K4F****+++
0.18	13.0	13.0	7.0	10.0	0.6	C42Q2184-4F****+++
0.22	13.0	14.0	8.0	10.0	0.6	C42Q2224-4F****+++

305Vac/275Vac [#]						
C _N (μF)	W	H	T	P	d	Part number
0.10	17.5	9.5	5.0	15.0	0.6	C42Q2104-6F****+++
0.12	17.5	9.5	5.0	15.0	0.6	C42Q2124-6F****+++
0.15	17.5	11.0	5.0	15.0	0.6	C42Q2154-6F****+++
0.18M	17.5	11.0	5.0	15.0	0.6	C42Q2184M6F****+++
0.18K	17.5	12.0	6.0	15.0	0.6	C42Q2184K6F****+++
0.22M	17.5	11.5	5.5	15.0	0.6	C42Q2224M6G****+++
0.22	17.5	12.0	6.0	15.0	0.6	C42Q2224-6F****+++
0.27	17.5	13.5	7.5	15.0	0.6	C42Q2274-6F****+++
0.27	17.5	12.5	9.0	15.0	0.6	C42Q2274-6G****+++
0.27	17.5	17.5	6.0	15.0	0.6	C42Q2274-6H****+++
0.33K	17.5	13.5	7.5	15.0	0.6	C42Q2334K6F****+++
0.33M	17.5	12.0	7.0	15.0	0.6	C42Q2334M6G****+++
0.33K	17.5	12.5	9.0	15.0	0.6	C42Q2334K6G****+++
0.33K	17.5	17.5	6.0	15.0	0.6	C42Q2334K6H****+++
0.39	17.5	13.5	7.5	15.0	0.6	C42Q2394-6F****+++
0.39	17.5	12.5	9.0	15.0	0.6	C42Q2394-6G****+++
0.39	17.5	17.5	6.0	15.0	0.6	C42Q2394-6H****+++
0.47M	17.5	14.0	8.0	15.0	0.6	C42Q2474M6F****+++
0.47K	17.5	14.5	8.5	15.0	0.6	C42Q2474K6F****+++
0.47M	17.5	12.5	9.0	15.0	0.6	C42Q2474M6G****+++
0.47M	17.5	17.5	6.0	15.0	0.6	C42Q2474M6H****+++
0.47K	17.5	18.5	7.5	15.0	0.8	C42Q2474K6H****+++

- 备注: 1. “-” 表示容量偏差。 “-” =capacitance tolerance code, M= ± 20%,K= ± 10%
 2. “****” 表示引线加工和包装代码 (见 table 1)。 “****” =lead form and packing code (refer to table 1)
 3. “#” 当额定电压为275Vac时, 第4~5位是P2。 “#” when the rated voltage is 275Vac,the digit 4~5 is P2.
 4. 不用于与电源串联的场合, 与电源串联用请参见降压专用电容器P150。
 Not for use in series with the mains,the capacitors for series with the mains,please refer pag.150.