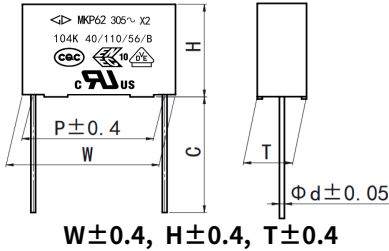


MKP62
Code:C42

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°C ~ +110°C		
额定电压 Rated Voltage(U _R)	305Vac/275Vac, 50Hz/60Hz		
最大额定电源电压 Max rated supply mains voltage	250Vac, 50Hz/60Hz		
最大连续直流电压 Maximum continuous DC voltage	560Vdc		
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 (Vdc), 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°C, 100V, 1min)		
损耗角正切 Dissipation Factor(tanδ)	0.033μF ≤ C _N < 0.47μF	≤ 10 × 10 ⁻⁴ (20°C, 1kHz)	≤ 20 × 10 ⁻⁴ (20°C, 10kHz)
	C _N = 0.47μF	≤ 20 × 10 ⁻⁴ (20°C, 1kHz)	≤ 40 × 10 ⁻⁴ (20°C, 10kHz)
注: 1. 推荐用于电网额定电压不超过250VAC场合; 2. 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; 3. 若用于户外或长期湿度较大场合, 建议选用防潮设计。	Recommend for max rated supply mains voltage 250Vac application; 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.		



■ 产品编码说明 Part number system

■ 15 位产品代码如下:

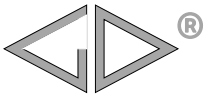
The 15 digits part number is formed as follow:

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

第 1~3 位	型号代码	Digit 1 to 3	Series code
	C42= MKP62		C42= MKP62
第 4~5 位	交流额定电压	Digit 4 to 5	AC rated voltage
	Q2=305V P2=275V		Q2=305V P2=275V
第 6~8 位	标称容量	Digit 6 to 8	Rated capacitance value
	举例: 103=10×10 ³ pF=0.01μF		for example: 103=10×10 ³ pF=0.01μF
第 9 位	容量偏差	Digit 9	Capacitance tolerance
	K=±10%, M=±20%		K=±10%, M=±20%
第 10 位	引线脚距 P	Digit 10	Pitch
	3=7.5mm 4=10.0mm 6=15.0mm		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

■ 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				
		6	F=15.0mm				
C	直脚 Straight lead "C" in the figure above	代码 Code	说明 explanation	0	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~26 mm) standard lead length				
		45	引线长度 4.5mm lead length 4.5mm				



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■ 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****
0.33K	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 **Note:** 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(见表 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 P153。
 Not for use in series with the mains, the capacitors for series with the mains, please refer Page 153.