



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



規格承認書

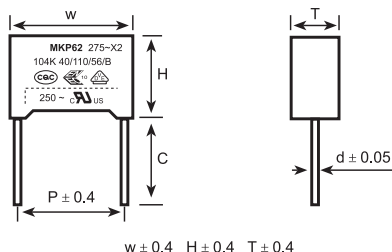
(SPECIFICATION FOR APPROVAL)

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

Product Name:	Metallized polypropylene film Interference suppression capacitor (Class X2 , 275Vac)
Product Type:	C42 (MKP62-X2)
Product Code:	C42
Customer:	
Customer Code:	
Issue Date:	(V3.0)

金属化聚丙烯膜抗干扰电容器(X2类, 275Vac/305Vac) Metallized polypropylene film interference suppression capacitor(Class X2, 275Vac/305Vac)

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
- 广泛用于电源跨线路等抗干扰场合

Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in across-the-line, interference suppression circuit, etc.

安全认证 Safety Approvals

●		CQC (中国)	GB/T 14472-1998, X2, 275/305Vac, 0.0010μF~10.0μF, 40/110/56/B 证书号(Certificate No.): CQC030010028
●		ENEC-VDE (欧盟)	EN 60384-14:2005, X2, 275/305Vac, 0.0010μF~10.0μF, 40/110/56/B 证书号(Certificate No.): 400003
●		UL/CUL (美国/加拿大)	UL1414 CSA C22.2 No.1, 250 Vac, 0.001μF to 1.0μF 证书号(Certificate No.): E1866 UL1283 CSA C22.2 No.8, 310 Vac, 0.001μF to 10.0μF 证书号(Certificate No.): E1866
●	CB TEST CERTIFICATE		IEC 60384-14:2005, X2, 275/305 Vac, 0.001μF~10.0μF, 40/110/56/B 证书号(Certificate No.): DE1-12559/M2, DE1-403

技术要求 Specifications

电容器类别 Class	X2类		
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	275/305Vac (ENEC/CQC), 250Vac(UL1414) , 310Vac(UL1283)		
最大连续直流电压 Maximum continuous DC voltage	630 Vdc		
电容量范围 Capacitance Range	0.0010μF~10.0μF		
电容量偏差 Capacitance Tolerance	± 10%(K)、 ± 20%(M)		
耐电压 Voltage Proof	引线之间 Between Terminals:	2 000Vdc(2s) C _R ≤ 1.0μF	
		1 800Vdc(2s) C _R > 1.0μF	
	极壳之间 Between Terminals To Case:	2 110Vac(1min)	
绝缘电阻 Insulation Resistance	> 15 000MΩ , C _R ≤ 0.33μF > 5 000s, C _R > 0.33μF (20℃, 100V, 1min)		
损耗角正切 Dissipation Factor	0.0010μF ≤ C _R ≤ 0.47μF	≤ 10 x 10 ⁻⁴ (1kHz, 20℃)	≤ 20 x 10 ⁻⁴ (10kHz, 20℃)
	0.47μF < C _R ≤ 1.0μF	≤ 20 x 10 ⁻⁴ (1kHz, 20℃)	≤ 40 x 10 ⁻⁴ (10kHz, 20℃)
	1.0μF < C _R ≤ 10μF	≤ 30 x 10 ⁻⁴ (1kHz, 20℃)	-----

C42

MKP62 series



C42
MKP62 series

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■ 外形尺寸 Dimensions(mm)

275Vac#							275Vac#							275Vac#						
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	10.5	9.0	4.0	7.5	0.6	C42P2102-30****++	0.010	17.5	9.5	5.0	15.0	0.6	C42P2103-6A****++	0.47M	26.5	15.0	6.0	22.5	0.8	C42P2474M9S****++
0.0012	10.5	9.0	4.0	7.5	0.6	C42P2122-30****++	0.012	17.5	9.5	5.0	15.0	0.6	C42P2123-6A****++	0.47K	26.5	16.0	7.0	22.5	0.8	C42P2474K9S****++
0.0015	10.5	9.0	4.0	7.5	0.6	C42P2152-30****++	0.015	17.5	9.5	5.0	15.0	0.6	C42P2153-6A****++	0.56	26.5	16.0	7.0	22.5	0.8	C42P2564-9S****++
0.0018	10.5	9.0	4.0	7.5	0.6	C42P2182-30****++	0.018	17.5	9.5	5.0	15.0	0.6	C42P2183-6A****++	0.60	26.5	17.0	8.5	22.5	0.8	C42P2604-9S****++
0.0022	10.5	9.0	4.0	7.5	0.6	C42P2222-30****++	0.022	17.5	9.5	5.0	15.0	0.6	C42P2223-6A****++	0.68	26.5	17.0	8.5	22.5	0.8	C42P2684-9S****++
0.0027	10.5	9.0	4.0	7.5	0.6	C42P2272-30****++	0.027	17.5	9.5	5.0	15.0	0.6	C42P2273-6A****++	0.82	26.5	18.5	10.0	22.5	0.8	C42P2824-9S****++
0.0033	10.5	9.0	4.0	7.5	0.6	C42P2332-30****++	0.033	17.5	9.5	5.0	15.0	0.6	C42P2333-6A****++	1.0	26.5	18.5	10.0	22.5	0.8	C42P2105-9S****++
0.0039	10.5	9.0	4.0	7.5	0.6	C42P2392-30****++	0.039	17.5	9.5	5.0	15.0	0.6	C42P2393-6A****++	1.2	26.5	20.0	11.0	22.5	0.8	C42P2125-9S****++
0.0047	10.5	9.0	4.0	7.5	0.6	C42P2472-30****++	0.047	17.5	9.5	5.0	15.0	0.6	C42P2473-6A****++	1.5M	26.5	20.0	11.0	22.5	0.8	C42P2155M9S****++
0.0056	10.5	9.0	4.0	7.5	0.6	C42P2562-30****++	0.056	17.5	9.5	5.0	15.0	0.6	C42P2563-6A****++	1.5K	26.5	22.0	12.0	22.5	0.8	C42P2155K9S****++
0.0068	10.5	9.0	4.0	7.5	0.6	C42P2682-30****++	0.068	17.5	9.5	5.0	15.0	0.6	C42P2683-6A****++	1.8	26.5	24.5	15.5	22.5	0.8	C42P2185-9S****++
0.0082	10.5	9.0	4.0	7.5	0.6	C42P2822-30****++	0.082	17.5	9.5	5.0	15.0	0.6	C42P2823-6A****++	2.2	26.5	24.5	15.5	22.5	0.8	C42P2225-9S****++
0.010	10.5	9.0	4.0	7.5	0.6	C42P2103-30****++	0.10M	17.5	9.5	5.0	15.0	0.6	C42P2104M6A****++	0.47	32.0	18.0	9.0	27.5	0.8	C42P2474-B0****++
0.012	10.5	9.0	4.0	7.5	0.6	C42P2123-30****++	0.10	17.5	11.0	5.0	15.0	0.6	C42P2104-6S****++	0.56	32.0	18.0	9.0	27.5	0.8	C42P2564-B0****++
0.015	10.5	9.0	4.0	7.5	0.6	C42P2153-30****++	0.12	17.5	11.0	5.0	15.0	0.6	C42P2124-6S****++	0.68	32.0	18.0	9.0	27.5	0.8	C42P2684-B0****++
0.018	10.5	9.0	4.0	7.5	0.6	C42P2183-30****++	0.15M	17.5	11.0	5.0	15.0	0.6	C42P2154M6S****++	0.82	32.0	18.0	9.0	27.5	0.8	C42P2824-B0****++
0.022	10.5	9.0	4.0	7.5	0.6	C42P2223-30****++	0.15K	17.5	12.0	6.0	15.0	0.6	C42P2154K6S****++	1.0	32.0	18.0	9.0	27.5	0.8	C42P2105-B0****++
0.027	10.5	11.0	5.0	7.5	0.6	C42P2273-30****++	0.18	17.5	12.0	6.0	15.0	0.6	C42P2184-6S****++	1.2	32.0	20.0	11.0	27.5	0.8	C42P2125-B0****++
0.033	10.5	11.0	5.0	7.5	0.6	C42P2333-30****++	0.22M	17.5	12.0	6.0	15.0	0.6	C42P2224M6S****++	1.5	32.0	20.0	11.0	27.5	0.8	C42P2155-B0****++
0.039	10.5	12.0	6.0	7.5	0.6	C42P2393-30****++	0.22K	17.5	12.5	9.0	15.0	0.6	C42P2224K6A****++	1.8	32.0	22.0	13.0	27.5	0.8	C42P2185-B0****++
0.047	10.5	12.0	6.0	7.5	0.6	C42P2473-30****++	0.22K	17.5	13.5	6.0	15.0	0.6	C42P2224K6B****++	2.2M	32.0	22.0	13.0	27.5	0.8	C42P2225MBS****++
0.0047	13.0	9.0	4.0	10.0	0.6	C42P2472-40****++	0.22K	17.5	12.0	7.0	15.0	0.6	C42P2224K6C****++	2.2K	32.0	25.0	13.0	27.5	0.8	C42P2225KBS****++
0.0056	13.0	9.0	4.0	10.0	0.6	C42P2562-40****++	0.22K	17.5	13.5	7.5	15.0	0.6	C42P2224K6S****++	2.7	32.0	28.0	14.0	27.5	0.8	C42P2275-B0****++
0.0068	13.0	9.0	4.0	10.0	0.6	C42P2682-40****++	0.27	17.5	13.5	7.5	15.0	0.6	C42P2274-6S****++	3.3M	32.0	24.5	15.0	27.5	0.8	C42P2335MBS****++
0.0082	13.0	9.0	4.0	10.0	0.6	C42P2822-40****++	0.33M	17.5	13.5	7.5	15.0	0.6	C42P2334M6S****++	3.3K	32.0	28.0	17.0	27.5	0.8	C42P2335KBS****++
0.010	13.0	9.0	4.0	10.0	0.6	C42P2103-40****++	0.33K	17.5	14.0	8.0	15.0	0.6	C42P2334K6S****++	3.3	32.0	30.0	16.0	27.5	0.8	C42P2335-B0****++
0.012	13.0	9.0	4.0	10.0	0.6	C42P2123-40****++	0.33M	17.5	12.5	9.0	15.0	0.6	C42P2334M6A****++	3.9	32.0	33.0	18.0	27.5	0.8	C42P2395-B0****++
0.015	13.0	9.0	4.0	10.0	0.6	C42P2153-40****++	0.33M	17.5	17.5	6.0	15.0	0.6	C42P2334M6B****++	4.7M	32.0	33.0	18.0	27.5	0.8	C42P2475MBS****++
0.018	13.0	9.0	4.0	10.0	0.6	C42P2183-40****++	0.33K	17.5	18.5	7.5	15.0	0.8	C42P2334K6A****++	4.7K	32.0	33.0	18.0	27.5	0.8	C42P2475KBA****++
0.022	13.0	9.0	4.0	10.0	0.6	C42P2223-40****++	0.39	17.5	14.5	8.5	15.0	0.6	C42P2394-6S****++	5.6	32.0	37.0	22.0	27.5	0.8	C42P2565-B0****++
0.027	13.0	9.0	4.0	10.0	0.6	C42P2273-40****++	0.47M	17.5	14.5	8.5	15.0	0.6	C42P2474M6S****++	6.8M	32.0	37.0	22.0	27.5	0.8	C42P2685MBS****++
0.033	13.0	9.0	4.0	10.0	0.6	C42P2333-4S****++	0.47M	17.5	18.5	7.5	15.0	0.8	C42P2474M-6A****++	1.5	41.0	22.0	11.0	37.5	1.0	C42P2155-FS****++
0.039	13.0	9.0	4.0	10.0	0.6	C42P2393-4S****++	0.47K	17.5	16.0	10.0	15.0	0.8	C42P2474K6S****++	1.8	41.0	22.0	11.0	37.5	1.0	C42P2185-FS****++
0.047	13.0	9.0	4.0	10.0	0.6	C42P2473-4S****++	0.56	17.5	16.0	10.0	15.0	0.8	C42P2564-6A****++	2.2	41.0	24.0	13.0	37.5	1.0	C42P2225-FS****++
0.056	13.0	11.0	5.0	10.0	0.6	C42P2563-4S****++	0.60	17.5	19.0	11.0	15.0	0.8	C42P2604-6S****++	2.7	41.0	24.0	13.0	37.5	1.0	C42P2275-FS****++
0.068	13.0	11.0	5.0	10.0	0.6	C42P2683-4S****++	0.68	17.5	19.0	11.0	15.0	0.8	C42P2684-6S****++	3.3	42.0	28.0	14.0	37.5	1.0	C42P2335-FS****++
0.082	13.0	11.0	5.0	10.0	0.6	C42P2823-4S****++	0.82M	17.5	19.0	11.0	15.0	0.8	C42P2824M6S****++	3.3	41.0	26.0	15.0	37.5	1.0	C42P2335-FA****++
0.10M	13.0	11.0	5.0	10.0	0.6	C42P2104M4S****++	0.15	26.5	15.0	6.0	22.5	0.8	C42P2154-90****++	3.9	41.0	30.0	16.0	37.5	1.0	C42P2395-FS****++
0.10K	13.0	12.0	6.0	10.0	0.6	C42P2104K4S****++	0.18	26.5	15.0	6.0	22.5	0.8	C42P2184-90****++	4.7	41.0	30.0	16.0	37.5	1.0	C42P2475-FS****++
0.12	13.0	13.0	7.0	10.0	0.6	C42P2124-4S****++	0.22	26.5	15.0	6.0	22.5	0.8	C42P2224-9S****++	5.6	41.0	33.5	18.5	37.5	1.0	C42P2565-FS****++
0.15	13.0	13.0	7.0	10.0	0.6	C42P2154-4S****++	0.27	26.5	15.0	6.0	22.5	0.8	C42P2274-9S****++	6.8	41.0	33.5	18.5	37.5	1.0	C42P2685-FS****++
0.18	13.0	14.0	8.0	10.0	0.6	C42P2184-4S****++	0.33	26.5	15.0	6.0	22.5	0.8	C42P2334-9S****++	8.2	41.0	37.0	22.0	37.5	1.0	C42P2825-FS****++
0.22M	13.0	14.0	8.0	10.0	0.6	C42P2224M4S****++	0.39	26.5	15.0	6.0	22.5	0.8	C42P2394-9S****++	10.0M	41.0	37.0	22.0	37.5	1.0	C42P2106MFS****++
														10.0K	41.0	41.0	26.0	37.5	1.0	C42P2106KFS****++

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 packaging code(refer to table 1)

3. “#”当额定电压为305Vac时,第4~5位是Q2。

“#”when the rated voltage is 305Vac,the digit 4~5 is Q2