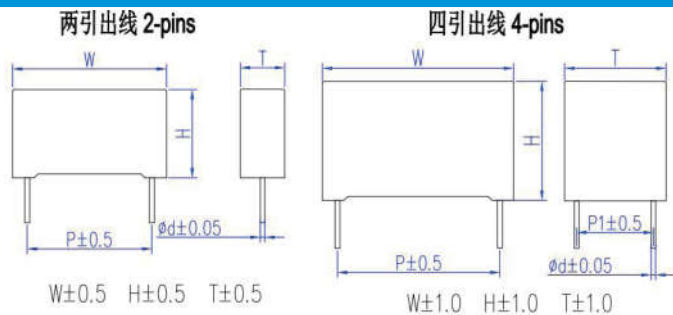


金属化聚丙烯膜抗干扰电容器 (X2 类, 305VAC/275VAC)

Metallized polypropylene film interference suppression capacitor(Class X2,305VAC/275VAC)



■ 特点 Features

金属化聚丙烯	Metallized polypropylene structure
能承受过压冲击	Withstanding overvoltage stressing
优异的阻燃性能	Excellent active and passive flame resistant abilities
用于电源跨线路等抗干扰场合	Used in across-the-line, interference suppression circuit

■ 安全认证 Safety Approvals

	CQC (中国)	IEC 60384-14:2013 ; X2, 250VAC、275VAC、305VAC、310VAC, 0.01 µF~20.0 µF; 40/100/56; 40/105/56; 40/110/56; 证书号 (Certificate No.) : CQC03001004439
	VDE (德国)	EN 60384-14: 2013-08, X2, 275VAC、305VAC, 0.01 µF~1 µF, 40/100/56; 证书号 (Certificate No.) : 40048412
	UL/CUL (美国 / 加拿大)	UL 60384-14 , X2, 250VAC、275VAC、305VAC, 0.01 µF~1 µF, 40/100/56; 证书号 (Certificate No.) : E214748
CB TEST CERTIFICATE		IEC 60384-14:2013, X2, 275VAC/305VAC, 0.01 µF~1 µF, 40/100/56; 证书号 (Certificate No.): DE1-60613

■ 技术要求 Specifications

气候类别 / 阻燃等级 Climate 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		
最大连续直流电压 Maximum Continuous DC Voltage	630VDC		
电容量范围 Capacitance Range	0.0010 μ F~25.0 μ F		
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:	2120VAC,1min	
绝缘电阻 Insulation Resistance	R ≥ 15000M Ω , C _N ≤ 0.33 μ F R · C _N ≥ 5000s,C _N >0.33 μ F (20℃ ,100VDC,1min)		
损耗角正切 Dissipation Factor(tan δ)	0.001 μ F ≤ C _N <0.01 μ F	≤ 20 × 10 ⁻⁴ (1kHz,20℃)	≤ 20 × 10 ⁻⁴ (10kHz,20℃)
	0.01 μ F ≤ C _N <0.47 μ F	≤ 10 × 10 ⁻⁴ (1kHz,20℃)	≤ 20 × 10 ⁻⁴ (1kHz,20℃)
	0.47 μ F ≤ C _N <1.0 μ F	≤ 20 × 10 ⁻⁴ (1kHz,20℃)	≤ 40 × 10 ⁻⁴ (1kHz,20℃)
	1.0 μ F ≤ C _N <10.0 μ F	≤ 30 × 10 ⁻⁴ (1kHz,20℃)	—
	10.0 μ F ≤ C _N <50.0 μ F	≤ 40 × 10 ⁻⁴ (1kHz,20℃)	—
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。	Note: 1.Recommend for max rated supply mains voltage 250VAC application; 2.If used in application which has ripple current applied ,recommend to use AC filter series: if have any questions please contact our technical engineer for more detail; 3.For outdoor or severe humidity condition application, recommend to use THB series.		



■ 外形尺寸 Dimensions (mm)
标准型 Standard Version

305VAC/275VAC						
C _N (μF)	W	H	T	P	d	Part number
0.0010	10.0	9.0	4.0	7.5	0.6	MKPX2305102****
0.0012	10.0	9.0	4.0	7.5	0.6	MKPX2305122****
0.0015	10.0	9.0	4.0	7.5	0.6	MKPX2305152****
0.0018	10.0	9.0	4.0	7.5	0.6	MKPX2305182****
0.0022	10.0	9.0	4.0	7.5	0.6	MKPX2305222****
0.0027	10.0	9.0	4.0	7.5	0.6	MKPX2305272****
0.0033	10.0	9.0	4.0	7.5	0.6	MKPX2305332****
0.0039	10.0	9.0	4.0	7.5	0.6	MKPX2305392****
0.0047	10.0	9.0	4.0	7.5	0.6	MKPX2305472****
0.0056	10.0	9.0	4.0	7.5	0.6	MKPX2305562****
0.0068	10.0	9.0	4.0	7.5	0.6	MKPX2305682****
0.0082	10.0	9.0	4.0	7.5	0.6	MKPX2305822****
0.010	10.0	9.0	4.0	7.5	0.6	MKPX2305103****
0.012	10.0	9.0	4.0	7.5	0.6	MKPX2305123****
0.015	10.0	9.0	4.0	7.5	0.6	MKPX2305153****
0.018	10.0	9.0	4.0	7.5	0.6	MKPX2305183****
0.022	10.0	9.0	4.0	7.5	0.6	MKPX2305223****
0.027	10.0	9.0	4.0	7.5	0.6	MKPX2305273****
0.033	10.0	11.0	5.0	7.5	0.6	MKPX2305333****
0.039	10.0	11.0	5.0	7.5	0.6	MKPX2305393****
0.047	10.0	11.0	5.0	7.5	0.6	MKPX2305473****
0.056	10.0	12.0	6.0	7.5	0.6	MKPX2305563****
0.068	10.0	12.0	6.0	7.5	0.6	MKPX2305683****
0.0047	13.0	9.0	4.0	10.0	0.6	MKPX2305472****
0.0056	13.0	9.0	4.0	10.0	0.6	MKPX2305562****
0.0068	13.0	9.0	4.0	10.0	0.6	MKPX2305682****
0.0082	13.0	9.0	4.0	10.0	0.6	MKPX2305822****
0.010	13.0	9.0	4.0	10.0	0.6	MKPX2305103****
0.012	13.0	9.0	4.0	10.0	0.6	MKPX2305123****
0.015	13.0	9.0	4.0	10.0	0.6	MKPX2305153****
0.018	13.0	9.0	4.0	10.0	0.6	MKPX2305183****
0.022	13.0	9.0	4.0	10.0	0.6	MKPX2305223****
0.027	13.0	9.0	4.0	10.0	0.6	MKPX2305273****
0.033	13.0	9.0	4.0	10.0	0.6	MKPX2305333****
0.039	13.0	9.0	4.0	10.0	0.6	MKPX2305393****
0.047	13.0	9.0	4.0	10.0	0.6	MKPX2305473****
0.056	13.0	11.0	5.0	10.0	0.6	MKPX2305563****
0.068	13.0	11.0	5.0	10.0	0.6	MKPX2305683****
0.082	13.0	11.0	5.0	10.0	0.6	MKPX2305823****
0.10	13.0	11.0	5.0	10.0	0.6	MKPX2305104****
0.10	13.0	12.0	6.0	10.0	0.6	MKPX2305104****
0.12	13.0	13.0	7.0	10.0	0.6	MKPX2305124****
0.15	13.0	13.0	7.0	10.0	0.6	MKPX2305154****
0.18	13.0	14.0	8.0	10.0	0.6	MKPX2305184****
0.22	13.0	14.0	8.0	10.0	0.6	MKPX2305224****
0.22	13.0	16.5	9.0	10.0	0.6	MKPX2305224****
0.010	18.0	10.0	5.0	15.0	0.6	MKPX2305103****
0.012	18.0	10.0	5.0	15.0	0.6	MKPX2305123****
0.015	18.0	10.0	5.0	15.0	0.6	MKPX2305153****

305VAC/275VAC						
C _N (μF)	W	H	T	P	d	Part number
0.018	18.0	10.0	5.0	15.0	0.6	MKPX2305183****
0.022	18.0	10.0	5.0	15.0	0.6	MKPX2305223****
0.027	18.0	10.0	5.0	15.0	0.6	MKPX2305273****
0.033	18.0	10.0	5.0	15.0	0.6	MKPX2305333****
0.039	18.0	10.0	5.0	15.0	0.6	MKPX2305393****
0.047	18.0	10.0	5.0	15.0	0.6	MKPX2305473****
0.056	18.0	10.0	5.0	15.0	0.6	MKPX2305563****
0.068	18.0	10.0	5.0	15.0	0.6	MKPX2305683****
0.082	18.0	10.0	5.0	15.0	0.6	MKPX2305823****
0.10	18.0	11.0	5.0	15.0	0.6	MKPX2305104****
0.12	18.0	11.0	5.0	15.0	0.6	MKPX2305124****
0.15	18.0	11.0	5.0	15.0	0.6	MKPX2305154****
0.15	18.0	12.0	6.0	15.0	0.6	MKPX2305154****
0.18	18.0	12.0	6.0	15.0	0.6	MKPX2305184****
0.22	18.0	12.0	6.0	15.0	0.6	MKPX2305224****
0.22	18.0	13.5	6.0	15.0	0.6	MKPX2305224****
0.22	18.0	13.0	7.0	15.0	0.6	MKPX2305224****
0.22	18.0	13.5	7.5	15.0	0.6	MKPX2305224****
0.27	18.0	13.5	7.5	15.0	0.6	MKPX2305274****
0.33	18.0	13.5	7.5	15.0	0.6	MKPX2305334****
0.33	18.0	14.0	8.0	15.0	0.6	MKPX2305334****
0.33	18.0	12.5	9.0	15.0	0.6	MKPX2305334****
0.33	18.0	17.5	6.0	15.0	0.6	MKPX2305334****
0.33	18.0	18.0	7.0	15.0	0.8	MKPX2305334****
0.33	18.0	12.0	13.0	15.0	0.8	MKPX2305334****
0.39	18.0	14.5	8.5	15.0	0.6	MKPX2305394****
0.47	18.0	14.5	8.5	15.0	0.6	MKPX2305474****
0.47	18.0	18.0	7.0	15.0	0.8	MKPX2305474****
0.47	18.0	16.0	10.0	15.0	0.8	MKPX2305474****
0.56	18.0	16.0	10.0	15.0	0.8	MKPX2305564****
0.60	18.0	19.0	11.0	15.0	0.8	MKPX2305604****
0.68	18.0	19.0	11.0	15.0	0.8	MKPX2305684****
0.82	18.0	19.0	11.0	15.0	0.8	MKPX2305824****
0.15	26.5	15.0	6.0	22.5	0.8	MKPX2305154****
0.18	26.5	15.0	6.0	22.5	0.8	MKPX2305184****
0.22	26.5	15.0	6.0	22.5	0.8	MKPX2305224****
0.27	26.5	15.0	6.0	22.5	0.8	MKPX2305274****
0.33	26.5	15.0	6.0	22.5	0.8	MKPX2305334****
0.39	26.5	15.0	6.0	22.5	0.8	MKPX2305394****
0.47	26.5	15.0	6.0	22.5	0.8	MKPX2305474****
0.47	26.5	16.5	7.0	22.5	0.8	MKPX2305474****
0.56	26.5	16.5	7.0	22.5	0.8	MKPX2305564****
0.60	26.5	17.0	8.5	22.5	0.8	MKPX2305604****
0.68	26.5	17.0	8.5	22.5	0.8	MKPX2305684****
0.82	26.5	19.0	10.0	22.5	0.8	MKPX2305824****
1.0	26.5	19.0	10.0	22.5	0.8	MKPX2305105****
1.2	26.0	20.0	11.0	22.5	0.8	MKPX2305125****
1.5	26.0	20.0	11.0	22.5	0.8	MKPX2305155****
1.5	26.0	22.0	12.0	22.5	0.8	MKPX2305155****



■ 外形尺寸 Dimensions (mm)
标准型 Standard Version

305VAC/275VAC							305VAC/275VAC						
C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number
1.8	26.0	25.0	15.0	22.5	0.8	MKPX2305185*****	4.7	32.0	31.0	21.0	27.5	0.8	MKPX2305475*****
2.2	26.0	25.0	15.0	22.5	0.8	MKPX2305225*****	5.6	32.0	37.0	22.0	27.5	0.8	MKPX2305565*****
0.39	31.5	17.5	8.5	27.5	0.8	MKPX2305394*****	6.8	32.0	37.0	22.0	27.5	0.8	MKPX2305685*****
0.47	31.5	17.5	8.5	27.5	0.8	MKPX2305474*****	2.2	42.5	24.0	13.0	37.5	1.0	MKPX2305225*****
0.56	31.5	17.5	8.5	27.5	0.8	MKPX2305564*****	2.7	42.5	24.0	13.0	37.5	1.0	MKPX2305275*****
0.68	31.5	17.5	8.5	27.5	0.8	MKPX2305684*****	3.3	41.0	26.0	15.0	37.5	1.0	MKPX2305335*****
0.82	31.5	17.5	8.5	27.5	0.8	MKPX2305824*****	3.3	42.0	28.0	14.0	37.5	1.0	MKPX2305335*****
1.0	31.5	17.5	8.5	27.5	0.8	MKPX2305105*****	3.9	41.5	32.0	16.0	37.5	1.0	MKPX2305395*****
1.2	32.0	20.0	11.0	27.5	0.8	MKPX2305125*****	4.7	42.0	19.0	24.0	37.5	1.0	MKPX2305475*****
1.5	32.0	20.0	11.0	27.5	0.8	MKPX2305155*****	4.7	41.0	20.0	26.0	37.5	1.0	MKPX2305475*****
1.8	32.0	22.0	13.0	27.5	0.8	MKPX2305185*****	4.7	41.5	32.0	16.0	37.5	1.0	MKPX2305475*****
2.2	32.0	22.0	13.0	27.5	0.8	MKPX2305225*****	5.6	41.5	36.0	19.0	37.5	1.0	MKPX2305565*****
2.2	32.0	25.0	14.0	27.5	0.8	MKPX2305225*****	6.8	41.5	36.0	19.0	37.5	1.0	MKPX2305685*****
2.7	32.0	28.0	14.0	27.5	0.8	MKPX2305275*****	6.8	42.0	24.0	32.0	37.5	1.0	MKPX2305685*****
3.3	32.0	33.0	18.0	27.5	0.8	MKPX2305335*****	8.2	41.0	37.0	22.0	37.5	1.0	MKPX2305825*****
3.3	32.0	24.5	15.0	27.5	0.8	MKPX2305335*****	10.0	41.0	37.0	22.0	37.5	1.0	MKPX2305106*****
3.3	32.0	28.0	18.0	27.5	0.8	MKPX2305335*****	10.0	41.5	43.0	28.0	37.5	1.0	MKPX2305106*****
3.9	32.0	28.0	18.0	27.5	0.8	MKPX2305395*****	10.0	42.5	37.0	28.0	37.5	1.0	MKPX2305106*****
3.9	32.0	33.0	18.0	27.5	0.8	MKPX2305395*****	12.0	41.5	43.0	28.0	37.5	1.0	MKPX2305126*****
4.7	32.0	33.0	18.0	27.5	0.8	MKPX2305475*****	15.0	42.5	45.0	30.0	37.5	1.0	MKPX2305156*****

四引线 4-pins

305VAC/275VAC							
CN(μF)	W	H	T	P	d	P1	Part number
20.0	57.5	45.0	30.0	52.5	1.2	20.3	MKPX2305206*****
25.0	57.5	50.0	35.0	52.5	1.2	20.3	MKPX2305206*****



■ 外形尺寸 Dimensions (mm)
高性能型 High Performance Version

305VAC/275VAC							305VAC/275VAC						
C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number
0.022	10.0	9.0	4.0	7.5	0.6	MKPX2305223*****	0.39	18.0	19.0	11.0	15.0	0.8	MKPX2305394*****
0.027	10.0	11.0	5.0	7.5	0.6	MKPX2305273*****	0.47	18.0	19.0	11.0	15.0	0.8	MKPX2305474*****
0.033	10.0	11.0	5.0	7.5	0.6	MKPX2305333*****	0.22	26.5	15.0	6.0	22.5	0.8	MKPX2305224*****
0.039	10.0	12.0	6.0	7.5	0.6	MKPX2305393*****	0.27	26.5	16.5	7.0	22.5	0.8	MKPX2305274*****
0.047	10.0	12.0	6.0	7.5	0.6	MKPX2305473*****	0.33	26.5	16.5	7.0	22.5	0.8	MKPX2305334*****
0.033	13.0	11.0	5.0	10.0	0.6	MKPX2305333*****	0.39	26.5	17.0	8.5	22.5	0.8	MKPX2305394*****
0.039	13.0	11.0	5.0	10.0	0.6	MKPX2305393*****	0.47	26.5	17.0	8.5	22.5	0.8	MKPX2305474*****
0.047	13.0	11.0	5.0	10.0	0.6	MKPX2305473*****	0.56	26.5	19.0	10.0	22.5	0.8	MKPX2305564*****
0.056	13.0	11.0	5.0	10.0	0.6	MKPX2305563*****	0.68	26.5	19.0	10.0	22.5	0.8	MKPX2305684*****
0.068	13.0	12.0	6.0	10.0	0.6	MKPX2305683*****	0.82	26.0	22.0	12.0	22.5	0.8	MKPX2305824*****
0.082	13.0	12.0	6.0	10.0	0.6	MKPX2305823*****	1.0	26.0	22.0	12.0	22.5	0.8	MKPX2305105*****
0.10	13.0	12.0	6.0	10.0	0.6	MKPX2305104*****	1.2	26.0	25.0	15.0	22.5	0.8	MKPX2305125*****
0.12	13.0	14.0	8.0	10.0	0.6	MKPX2305124*****	1.5	26.0	25.0	15.0	22.5	0.8	MKPX2305155*****
0.15	13.0	14.0	8.0	10.0	0.6	MKPX2305154*****	0.82	32.0	20.0	11.0	27.5	0.8	MKPX2305824*****
0.010	18.0	11.0	5.0	15.0	0.8	MKPX2305103*****	1.0	32.0	20.0	11.0	27.5	0.8	MKPX2305105*****
0.012	18.0	11.0	5.0	15.0	0.8	MKPX2305123*****	1.2	32.0	22.0	13.0	27.5	0.8	MKPX2305125*****
0.015	18.0	11.0	5.0	15.0	0.8	MKPX2305153*****	1.5	32.0	22.0	13.0	27.5	0.8	MKPX2305155*****
0.018	18.0	11.0	5.0	15.0	0.8	MKPX2305183*****	1.8	32.0	24.5	15.0	27.5	0.8	MKPX2305185*****
0.022	18.0	11.0	5.0	15.0	0.8	MKPX2305223*****	2.2	32.0	28.0	14.0	27.5	0.8	MKPX2305225*****
0.027	18.0	11.0	5.0	15.0	0.8	MKPX2305273*****	2.7	32.0	33.0	18.0	27.5	0.8	MKPX2305275*****
0.033	18.0	11.0	5.0	15.0	0.8	MKPX2305333*****	3.3	32.0	33.0	18.0	27.5	0.8	MKPX2305335*****
0.039	18.0	11.0	5.0	15.0	0.8	MKPX2305393*****	3.9	32.0	37.0	22.0	27.5	0.8	MKPX2305395*****
0.047	18.0	11.0	5.0	15.0	0.8	MKPX2305473*****	4.7	32.0	37.0	22.0	27.5	0.8	MKPX2305475*****
0.056	18.0	11.0	5.0	15.0	0.8	MKPX2305563*****	1.5	42.5	24.0	13.0	37.5	1.0	MKPX2305155*****
0.068	18.0	11.0	5.0	15.0	0.8	MKPX2305683*****	2.2	41.0	28.0	14.0	37.5	1.0	MKPX2305225*****
0.082	18.0	11.0	5.0	15.0	0.8	MKPX2305823*****	2.7	41.0	28.0	14.0	37.5	1.0	MKPX2305275*****
0.10	18.0	11.0	5.0	15.0	0.8	MKPX2305104*****	3.3	41.5	32.0	16.0	37.5	1.0	MKPX2305335*****
0.12	18.0	12.0	6.0	15.0	0.8	MKPX2305124*****	3.9	41.5	32.0	16.0	37.5	1.0	MKPX2305395*****
0.15	18.0	12.0	6.0	15.0	0.8	MKPX2305154*****	4.7	41.5	32.0	19.0	37.5	1.0	MKPX2305475*****
0.18	18.0	13.5	7.5	15.0	0.8	MKPX2305184*****	5.6	41.0	37.0	22.0	37.5	1.0	MKPX2305565*****
0.22	18.0	13.5	7.5	15.0	0.8	MKPX2305224*****	6.8	41.0	37.0	22.0	37.5	1.0	MKPX2305685*****
0.27	18.0	14.5	8.5	15.0	0.8	MKPX2305274*****	8.2	41.5	43.0	28.0	37.5	1.0	MKPX2305825*****
0.33	18.0	16.0	10.0	15.0	0.8	MKPX2305334*****	10.0	41.5	43.0	28.0	37.5	1.0	MKPX2305106*****