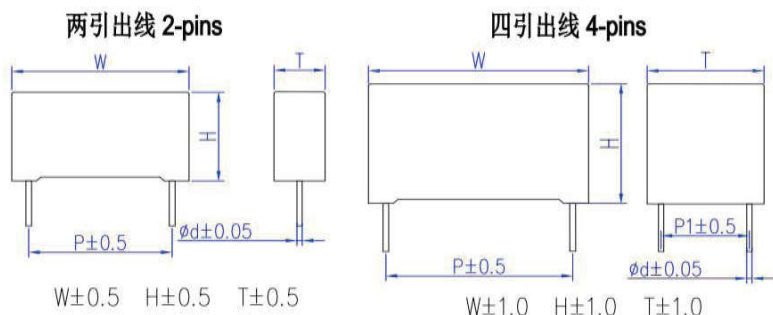




金属化聚丙烯膜抗干扰电容器 (X2 类, 305VAC/350VAC, THB 防潮系列)

Metallized polypropylene film interference suppression capacitor (Class X2, 305VAC/350VAC, Temperature humidity bias (THB) series)



■ 特点 Features

金属化聚丙烯膜	Metallized polypropylene film
能承受过压冲击	Withstanding overvoltage stressing
优异的阻燃性能	Excellent active and passive flame resistant abilities
在严苛的环境下 (如高温高湿) 长期应用容量稳定性优异	High stability of capacitance under severe ambient condition, such as high temperature and high humidity
用于电源跨线路等抗干扰场合	Used in across-the-line, interference suppression circuit

■ 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,50/60Hz	350VAC,50/60Hz	
最大连续直电压 Maximum Continuous DC Voltage	560VDC	630VDC	
电容量范围 Capacitance Range	0.10 μ F~25.0 μ F	0.10 μ F~20.0 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 (DC),2s	
	极壳之间 Between Terminals to Case:	2200VAC,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)	0.10 μ F ≤ C _N <1.0 μ F	≤ 15 × 10 ⁻⁴ (1kHz,20℃)	≤ 40 × 10 ⁻⁴ (1kHz,20℃)
	1.0 μ F ≤ C _N <10.0 μ F	≤ 30 × 10 ⁻⁴ (1kHz,20℃)	—
	C _N >10.0 μ F	≤ 40 × 10 ⁻⁴ (1kHz,20℃)	—
防潮测试 THB Test(Damp Heat Test with Loading)	Temperature: 85℃ ± 2℃ ; Humidity: 85%RH ± 2%RH Voltage: 300VAC,50/60Hz; Duration: 1000h (C _N >0.47 μ F) Capacitance Change(ΔC/C): ≤ 10% Dissipation Factor Change(Δtan δ): ≤ 0.5%(1kHz) Insulation Resistance: ≥ 50% of the Rated Value		



■ 外形尺寸 Dimensions (mm)

305VAC							305VAC						
C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number
0.10	18.0	12.0	6.0	15.0	0.6	MKPX2305104*****	0.68	32.0	20.0	11.0	27.5	0.8	MKPX2305684*****
0.12	18.0	12.0	6.0	15.0	0.6	MKPX2305124*****	0.82	32.0	20.0	11.0	27.5	0.8	MKPX2305824*****
0.15	18.0	13.5	7.5	15.0	0.6	MKPX2305154*****	1.0	32.0	20.0	11.0	27.5	0.8	MKPX2305105*****
0.18	18.0	13.5	7.5	15.0	0.6	MKPX2305184*****	1.2	32.0	20.0	11.0	27.5	0.8	MKPX2305125*****
0.22	18.0	14.5	8.5	15.0	0.6	MKPX2305224*****	1.5	32.0	22.0	13.0	27.5	0.8	MKPX2305155*****
0.27	18.0	14.5	8.5	15.0	0.6	MKPX2305274*****	1.8	32.0	25.0	14.0	27.5	0.8	MKPX2305185*****
0.33	18.0	16.0	10.0	15.0	0.6	MKPX2305334*****	2.2	32.0	24.5	15.0	27.5	0.8	MKPX2305225*****
0.39	18.0	19.0	11.0	15.0	0.8	MKPX2305394*****	2.7	32.0	28.0	18.0	27.5	0.8	MKPX2305275*****
0.47	18.0	19.0	11.0	15.0	0.8	MKPX2305474*****	3.3	32.0	28.0	18.0	27.5	0.8	MKPX2305335*****
0.33	26.5	16.5	7.0	22.5	0.8	MKPX2305334*****	3.9	32.0	33.0	18.0	27.5	0.8	MKPX2305395*****
0.39	26.5	17.0	8.5	22.5	0.8	MKPX2305394*****	4.7	32.0	37.0	22.0	27.5	0.8	MKPX2305475*****
0.47	26.5	17.0	8.5	22.5	0.8	MKPX2305474*****	5.6	32.0	37.0	22.0	27.5	0.8	MKPX2305565*****
0.56	26.5	19.0	10.0	22.5	0.8	MKPX2305564*****	1.5	42.5	24.0	13.0	37.5	1.0	MKPX2305155*****
0.68	26.5	19.0	10.0	22.5	0.8	MKPX2305684*****	1.8	42.5	24.0	13.0	37.5	1.0	MKPX2305185*****
0.82	26.0	20.0	11.0	22.5	0.8	MKPX2305824*****	2.2	42.5	24.0	13.0	37.5	1.0	MKPX2305225*****
1.0	26.0	22.0	12.0	22.5	0.8	MKPX2305105*****	2.7	41.5	26.0	17.0	37.5	1.0	MKPX2305275*****
1.2	26.0	22.0	12.0	22.5	0.8	MKPX2305125*****	3.9	41.5	32.0	16.0	37.5	1.0	MKPX2305395*****
1.5	26.5	23.0	13.0	22.5	0.8	MKPX2305155*****	4.7	41.5	32.0	19.0	37.5	1.0	MKPX2305475*****
1.5	26.0	25.0	15.0	22.5	0.8	MKPX2305155*****	5.6	41.5	36.0	19.0	37.5	1.0	MKPX2305565*****
1.8	26.0	25.0	15.0	22.5	0.8	MKPX2305185*****	6.8	41.5	36.0	19.0	37.5	1.0	MKPX2305685*****
2.2	26.5	29.5	14.5	22.5	0.8	MKPX2305225*****	6.8	41.5	40.0	20.0	37.5	1.0	MKPX2305685*****
2.2	26.5	31.0	15.5	22.5	0.8	MKPX2305225*****	8.2	42.5	37.0	28.0	37.5	1.0	MKPX2305825*****
0.47	31.5	17.5	8.5	27.5	0.8	MKPX2305474*****	10.0	41.0	41.0	26.0	37.5	1.0	MKPX2305106*****
0.56	31.5	17.5	8.5	27.5	0.8	MKPX2305564*****	12.0	41.5	43.0	28.0	37.5	1.0	MKPX2305126*****
							15.0	42.5	45.0	30.0	37.5	1.0	MKPX2305156*****

四引线 4-pins

305VAC							
C _N (μF)	W	H	T	P	d	P1	Part number
18.0	57.5	45.0	30.0	52.5	1.2	20.3	MKPX2305186*****
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	MKPX2305256*****



■ 外形尺寸 Dimensions (mm)

350VAC							350VAC						
C _N (μF)	W	H	T	P	d	Part number	C _N (μF)	W	H	T	P	d	Part number
0.10	18.0	13.5	7.5	15.0	0.6	MKPX2305104*****	0.82	32.0	20.0	11.0	27.5	0.8	MKPX2305824*****
0.12	18.0	13.5	7.5	15.0	0.6	MKPX2305124*****	1.0	32.0	22.0	13.0	27.5	0.8	MKPX2305105*****
0.15	18.0	14.5	8.5	15.0	0.6	MKPX2305154*****	1.2	32.0	22.0	13.0	27.5	0.8	MKPX2350125*****
0.18	18.0	14.5	8.5	15.0	0.6	MKPX2305184*****	1.5	32.0	24.5	15.0	27.5	0.8	MKPX2350155*****
0.22	18.0	16.0	10.0	15.0	0.6	MKPX2305224*****	1.8	32.0	28.0	14.0	27.5	0.8	MKPX2350185*****
0.27	18.0	16.0	10.0	15.0	0.8	MKPX2305274*****	2.2	32.0	28.0	18.0	27.5	0.8	MKPX2350225*****
0.33	18.0	19.0	11.0	15.0	0.8	MKPX2305334*****	2.7	32.0	33.0	18.0	27.5	0.8	MKPX2350275*****
0.10	26.5	15.0	6.0	22.5	0.8	MKPX2305104*****	3.3	32.0	33.0	18.0	27.5	0.8	MKPX2350335*****
0.12	26.5	15.0	6.0	22.5	0.8	MKPX2305124*****	3.3	32.0	38.0	18.0	27.5	0.8	MKPX2350335*****
0.15	26.5	16.5	7.0	22.5	0.8	MKPX2305154*****	3.9	32.0	37.0	22.0	27.5	0.8	MKPX2350395*****
0.18	26.5	16.5	7.0	22.5	0.8	MKPX2305184*****	4.7	32.0	37.0	22.0	27.5	0.8	MKPX2350475*****
0.22	26.5	16.5	7.0	22.5	0.8	MKPX2305224*****	0.33	42.5	24.0	13.0	37.5	1.0	MKPX2350334*****
0.27	26.5	16.5	7.0	22.5	0.8	MKPX2305274*****	0.39	42.5	24.0	13.0	37.5	1.0	MKPX2350394*****
0.33	26.5	17.0	8.5	22.5	0.8	MKPX2305334*****	0.47	42.5	24.0	13.0	37.5	1.0	MKPX2350474*****
0.39	26.5	17.0	8.5	22.5	0.8	MKPX2305394*****	0.56	42.5	24.0	13.0	37.5	1.0	MKPX2350564*****
0.39	26.5	19.0	10.0	22.5	0.8	MKPX2305394*****	0.68	42.5	24.0	13.0	37.5	1.0	MKPX2350684*****
0.47	26.5	19.0	10.0	22.5	0.8	MKPX2305474*****	0.82	42.5	24.0	13.0	37.5	1.0	MKPX2350824*****
0.56	26.5	19.0	10.0	22.5	0.8	MKPX2305564*****	1.0	42.5	24.0	13.0	37.5	1.0	MKPX2350105*****
0.68	26.0	20.0	11.0	22.5	0.8	MKPX2305684*****	1.2	42.5	24.0	13.0	37.5	1.0	MKPX2350125*****
0.68	26.0	22.0	12.0	22.5	0.8	MKPX2305684*****	1.5	42.5	24.0	13.0	37.5	1.0	MKPX2350155*****
0.82	26.0	22.0	12.0	22.5	0.8	MKPX2305824*****	1.8	41.5	26.0	17.0	37.5	1.0	MKPX2350185*****
1.0	26.5	23.0	13.0	22.5	0.8	MKPX2305105*****	2.2	41.5	26.0	17.0	37.5	1.0	MKPX2350225*****
1.2	26.0	25.0	15.0	22.5	0.8	MKPX2305125*****	2.7	41.5	32.0	16.0	37.5	1.0	MKPX2350275*****
1.5	26.5	29.5	14.5	22.5	0.8	MKPX2305155*****	3.3	41.5	32.0	16.0	37.5	1.0	MKPX2350335*****
1.8	26.5	31.0	15.5	22.5	0.8	MKPX2305185*****	3.9	41.5	36.0	19.0	37.5	1.0	MKPX2350395*****
0.22	31.5	17.5	8.5	27.5	0.8	MKPX2305224*****	4.7	41.5	36.0	19.0	37.5	1.0	MKPX2350475*****
0.27	31.5	17.5	8.5	27.5	0.8	MKPX2305274*****	4.7	41.5	40.0	20.0	37.5	1.0	MKPX2350475*****
0.33	31.5	17.5	8.5	27.5	0.8	MKPX2305334*****	5.6	41.5	40.0	20.0	37.5	1.0	MKPX2350565*****
0.39	31.5	17.5	8.5	27.5	0.8	MKPX2305394*****	6.8	42.5	37.0	28.0	37.5	1.0	MKPX2350685*****
0.47	31.5	17.5	8.5	27.5	0.8	MKPX2305474*****	8.2	41.5	43.0	28.0	37.5	1.0	MKPX2350825*****
0.56	31.5	17.5	8.5	27.5	0.8	MKPX2305564*****	10.0	42.5	45.0	30.0	37.5	1.0	MKPX2350106*****
0.68	32.0	20.0	11.0	27.5	0.8	MKPX2305684*****							

四引线 4-pins

350VAC							
CN(μF)	W	H	T	P	d	P1	Part number
15.0	57.5	45.0	30.0	52.5	1.2	20.3	MKPX2350156*****
18.0	57.0	50.0	35.0	52.5	1.2	20.3	MKPX2350186*****
20.0	57.5	50.0	35.0	52.5	1.2	20.3	MKPX2350206*****