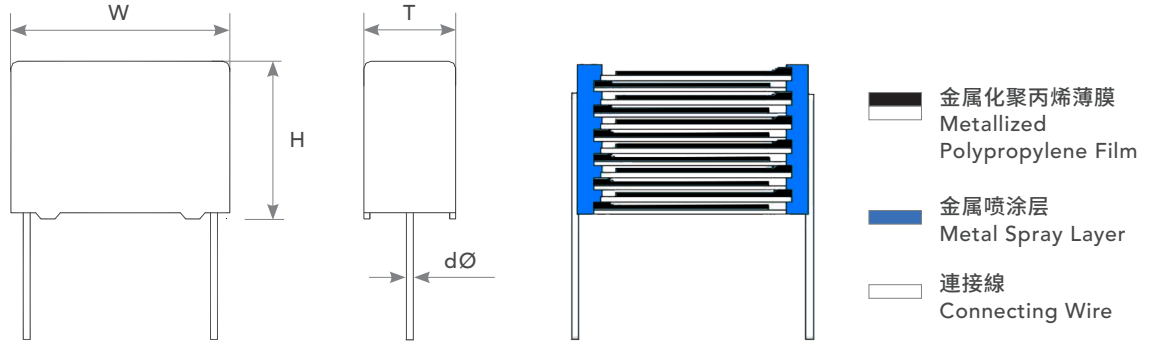


# 【干扰抑制电容器】X2 电容 (MKP-THB) THB-1000H-305VAC 小型化

INTERFERENCE SUPPRESSION CAPACITOR / X2 CAPACITOR (MKP-THB) THB-1000H-305VAC (SMALL SIZE)

**MKP-X2  
THB**

**THB-版-防潮 (THB-Version-Temperature Humidity Bias)**



### 结构 Construction:

- 电介质: 金属化聚丙烯薄膜  
Dielectric: Metallized Polypropylene Film
- 绕卷: 无感式  
Winding: non-inductive type
- 导线: 镀锡线  
Leads: Tinned wire
- 外层: 阻燃塑胶外壳, 环氧树脂填充  
Outer Coating: Flame retarding plastic case and epoxy filled

### 特点 Feature:

- 在高环境温度和 high 湿度等恶劣环境条件下具有优异的长期稳定性  
Excellent long term-stability under tough environmental conditions – such as high ambient temperatures and high humidity
- 良好的自愈性  
Self-healing properties
- 符合 UL、CUL、ENEC、CQC 安规电容  
In accordance with UL, CUL, ENEC, CQC safety regulations
- X2 类  
Class X2
- 小尺寸  
Small Size

### 推荐应用 Recommended Application:

对长期稳定性要求很高的所有应用, 如:

All applications with high demand on excellent long term-stability, such as:

- 功率表  
Power Meters
- 电容式电源应用  
Capacitive Power Supply applications
- 户外应用  
Outdoor applications
- 恶劣环境条件下  
For severe ambient conditions
- 用于与电源串联  
For connection in series with the mains
- 跨线  
Across the line
- EMI 滤波器  
EMI filter

### 电气特性 Electrical Characteristics:

引用标准 Related Documents	UL 60384-14:2014, CAN/CSA-E60384-14:2014, IEC60384-14:2013, EN60384-14:2013, GB/T 6346.14-2015
额定电压 Rated Voltage	250 ~ 310 VAC
额定温度 Rated Temperature	-40°C ~ +110°C
容量范围 Capacitance Range	0.027μF ~ 10μF
损耗角正切 Dissipation Factor	0.1% or less. at 1Khz, 20±5°C

绝缘电阻 Insulation Resistance	Terminal to Terminal: ≥ 15000MΩ at DC 100V (C ≤ 0.33μF) ≥ 5000MΩ × μF at DC 100V (C > 0.33μF)		Terminal to Enclosure: ≥ 30000MΩ at DC 100V ≥ 500MΩ at DC 500V		
耐压 Withstand Voltage	[Between terminal] : Nothing abnormal shall be found, when a voltage specified below is applied 2200VDC for 3 sec. [Between terminal and enclosure] : Nothing abnormal shall be found when apply a voltage of 2050VAC for 1 minute.				
额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch V <sub>R</sub>	15 mm	22.5 mm	27.5 mm	37.5 mm
	630VDC	300	180	120	100
气候类别 Climate Category	代碼字母G和數位元40 = 最低极限温度.... -40°C 代碼字母M和數位元110 = 最高极限温度.... +110°C 代碼字母F和數位元56 = 相对湿度的最大限值 [湿热试验天数.... 56天] 代碼字母B = 阻燃性類別  code letter G and number 40 = Minimum limit temperature.... -40°C code letter M and number 110 = Maximum limit temperature.... +110°C code letter F and number 56 = Maximum limit of Relative Humidity [The days of damp heat test....56 days] code letter B = Category of Passive flammability.				

#### 信赖性测试 Reliability Test:

测试方法 Test Method	要求 Requirements
温度 Temperature: 85°C 相对湿度 Relative humidity: 85% 施加电压 Voltage applied: 240VAC 周期 Duration: 1000 hours	容量变化 Capacitance change  ΔC/C  : ≤ 10% Δtan δ ≤ 2.4% at 10KHz, C ≤ 1uF Δtan δ ≤ 1.5% at 1KHz, C > 1uF 绝缘阻抗 Insulation Resistance: ≥ 50% of spec value

#### 安全认证 Safety Approvals:

LOGO MARK	COUNTRY	APPROVAL STANDARD	APPROVAL NO.	CLASS	CAP. RANGE	RATED VOLTAGE
UL	U.S.A	UL 60384-14:2014 CAN/CSA E60384-1/14:2014	20181116-E149075	X2	0.0047μF ~ 10.0μF	310VAC
CSA	CANADA	CAN/CSA E60384-1/14:09	2294211	X2	0.0047μF ~ 10.0μF	310VAC
CB TEST	EUROPE	IEC60384-14:2013	SE-93931	X2	0.0047μF ~ 10.0μF	310VAC
ENEC	EUROPE	EN60384-14:2013	SE/0252-5E	X2	0.0047μF ~ 10.0μF	310VAC
CQC	CHINA	GB/T 6346.14-2015	CQC09001029854	X2	0.0047μF ~ 10.0μF	310VAC

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	305 VAC					
Size Cap (μF)	W ±0.3	H ±0.3	T ±0.3	P	dØ ±0.05	料号 Part Number
0.027	13	11	5	10	0.6	MKP-273*0305AB*10*US
0.033	13	11	5	10	0.6	MKP-333*0305AB*10*US
0.039	13	11	5	10	0.6	MKP-393*0305AB*10*US
0.047	13	12	6	10	0.6	MKP-473*0305AB*10*US
0.056	13	12	6	10	0.6	MKP-563*0305AB*10*US
0.068	13	13	7	10	0.6	MKP-683*0305AB*10*US
0.082	13	13	7	10	0.6	MKP-823*0305AB*10*US
0.1	13	14	8	10	0.6	MKP-104*0305AB*10*US
0.047	18	12	6	15	0.8	MKP-473*0305AB*15*US
0.068	18	12	6	15	0.8	MKP-683*0305AB*15*US
0.1	18	12	6	15	0.8	MKP-104*0305AB*15*US
0.15	18	12	6	15	0.8	MKP-154*0305AB*15*US
0.22	18	13.5	7.5	15	0.8	MKP-224*0305AB*15*US
0.33	18	15	9	15	0.8	MKP-334*0305AB*15*US
0.47	18	18	9	15	0.8	MKP-474*0305AB*15*US
0.56	18	19	11	15	0.8	MKP-564*0305AB*15*US
0.68(M)	18	19	11	15	0.8	MKP-684*0305AB*15*US
0.68	18	19	12.5	15	0.8	MKP-684*0305AB*15*US
0.33	26	14.5	7	22.5	0.8	MKP-334*0305AB*22*US
0.47	26	16.5	7.5	22.5	0.8	MKP-474*0305AB*22*US
0.56	26	18.5	8.5	22.5	0.8	MKP-564*0305AB*22*US
0.68	26	18.5	8.5	22.5	0.8	MKP-684*0305AB*22*US

R.V.	305 VAC					
Size Cap (μF)	W ±0.3	H ±0.3	T ±0.3	P	dØ ±0.05	料号 Part Number
0.82	26	19	10	22.5	0.8	MKP-824*0305AB*22*US
1.0	26	20	11.5	22.5	0.8	MKP-105*0305AB*22*US
1.5	26	24	14	22.5	0.8	MKP-155*0305AB*22*US
2.2(M)	26	25	15	22.5	0.8	MKP-225*0305AB*22*US
0.68	31	18	9	27.5	0.8	MKP-684*0305AB*27*US
0.82	31	18	9	27.5	0.8	MKP-824*0305AB*27*US
1.0	31	20	10	27.5	0.8	MKP-105*0305AB*27*US
1.5	31	20.5	12	27.5	0.8	MKP-155*0305AB*27*US
2.2	31	24.5	15	27.5	0.8	MKP-225*0305AB*27*US
3.3	31	28	18	27.5	0.8	MKP-335*0305AB*27*US
3.3	31	33	18	27.5	0.8	MKP-335*0305AB*27*US
4.7	31	37	22	27.5	0.8	MKP-475*0305AB*27*US
3.3	41.5	27.5	16	37.5	1.0	MKP-335*0305AB*37*US
4.7	41.5	31.5	18.5	37.5	1.0	MKP-475*0305AB*37*US
5.6(M)	41.5	35	19	37.5	1.0	MKP-565*0305AB*37*US
5.6	41.5	34	20.5	37.5	1.0	MKP-565*0305AB*37*US
6.8(M)	41.5	35.5	22.5	37.5	1.0	MKP-685*0305AB*37*US
6.8	42	40	20	37.5	1.0	MKP-685*0305AB*37*US
8.2	41.5	38	25	37.5	1.0	MKP-825*0305AB*37*US
10(M)	41.5	38	29	37.5	1.0	MKP-106*0305AB*37*US
10	41.5	41	27.5	37.5	1.0	MKP-106*0305AB*37*US

单击下面可查看定价，库存，交付和生命周期等信息

[>>HJC\(华容\)](#)