



电磁炉电容器 小型化系列

SMALL TYPE INDUCTION COOKER CAPACITOR SERIES

MKP MKPH

专为满足小功率、超薄型电磁炉市场需求而设计、制造的小型化产品，性价比高，分别用于茶炉、超薄电磁炉的干扰抑制、平滑滤波、谐振电路。

The small type products are specially designed and manufactured for the marketing demand of low power, ultra-thin Induction cooker. And they are of high cost performance. Specifically used in interference, smooth filter and resonance circuit of tea cooker and ultra-thin induction cooker.



引用标准 Reference standard

275VAC/400VDC :
GB/T14472、IEC60384-14、UL1283
1200VDC :
GB/T3984.1-2004、GB/T3984.2-2004

气候类别 Climatic category

40 / 105 / 21

额定电压 Rated voltage

275VAC(C1); 400VDC(C2);
1200VDC(C3)

容量范围 Capacitance range

0.01 μ F ~ 10 μ F

容量偏差 Capacitance tolerance

$\pm 5\%$ (J)、 $\pm 10\%$ (K)

耐电压 Voltage proof

极间 between terminals

1.5*U_R / 10s

极壳 between terminals and case

2*U_R+1000(VAC) / 60s(≥ 2000 VAC)

绝缘电阻 Insulation resistance(20°C)

极间 between terminals

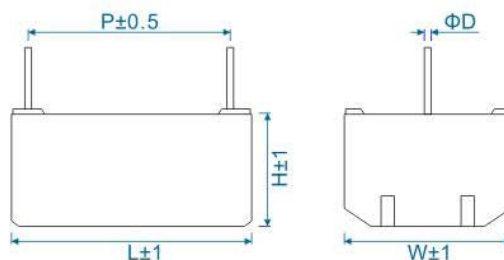
≥ 15000 S, C_R $\leq 0.33\mu$ F (100Vdc,60s)
 ≥ 5000 S, C_R $> 0.33\mu$ F (100Vdc,60s)

极壳 between terminals and case

≥ 30000 M Ω (100Vdc,60s)

损耗角正切 Tangent of loss angle(20°C)

≤ 0.001 (1KHz)



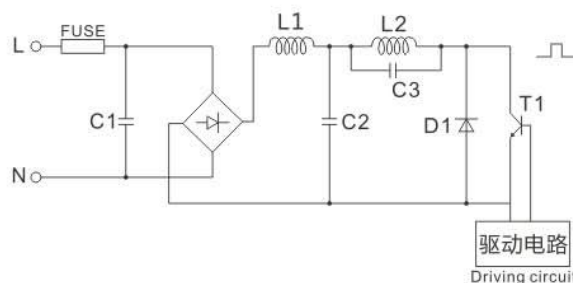
常用规格 Dimension

Unit : mm

Rated Cap.	L	W	H	P	ΦD
C1: 275VAC					
1.0 μ F	30	7	15	26.5	0.8
2.0 μ F	30	9.1	17	26.5	0.8
3.3 μ F	30	12	22	26.5	0.8
C2: 400VDC(275VAC)					
4.0 μ F	30	20	29	13.5	24.5
4.0 μ F	30	12.5	22	26.5	1.0
5.0 μ F	30	22.5	16	26.5	1.0
5.0 μ F	30	11.5	27	26.5	1.0
C3: 1200VDC					
0.24 μ F	28.6	12.7	22	24.5	1.0
0.27 μ F	28.5	20.5	15.5	24.5	1.0
0.27 μ F	29.0	13.5	23	24.5	1.0
0.30 μ F	28.5	21.5	16.5	24.5	1.0
0.30 μ F	29	13.5	24.5	24.5	1.0

典型线路图

Typical circuit



C1:跨线电容

Across-the-line capacitor

C2:滤波电容

Filter capacitor

C3:谐振电容

Resonance capacitor