

产品介绍/Introduction

采用耐高温金属化聚丙烯薄膜进行无感式卷绕，特殊喷金工艺，迈拉胶带封装，阻燃环氧树脂灌封，铜螺母引出。具有体积小，杂散电感小，过电流能力强，稳定性好的特点，广泛应用于各类中、高频电子设备的串、并联LC谐振电路。安装简单，方便，搭配灵活。

Non-inductive winding with high temperature resistant metallized polypropylene film, special metal spray, Mylar tape encapsulation, flame retardant epoxy potting, copper nut terminal. With small size, small stray inductance, strong over-current capability, good stability characteristics. Widely used in all kinds of medium and high frequency electronic equipment for LC resonance. Installation is simple, convenient, flexible collocation.

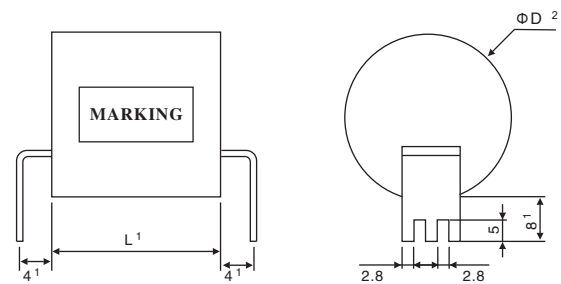


性能指标/Technical data

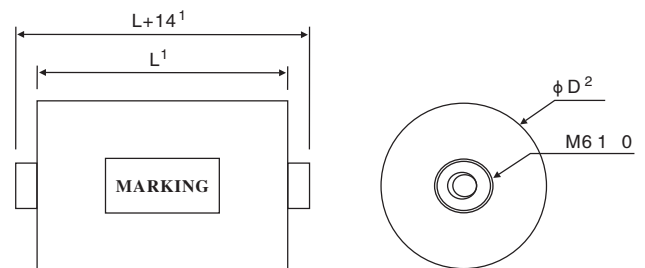
引用标准 Reference	GB/T3984, IEC60110
容量范围 Capacitance	0.022~6.8 μ F
容量偏差 Capacitance Tol.	5% (J), 10%(K)
电压范围 Voltage	400V.AC~4000V.AC
极间耐压 U_{T-T}	2Un/10s
过电压Over Voltage	1.05Un (12h/day)
可重复峰值电压	1.5Un
过渡状态瞬时电压	3Un
额定有效电流	20~100A
最大允许电流	1.2In (≤ 60 Hz) 1.15In (> 60 Hz)
损耗角正切 $\text{tg } \delta$	$\text{tg } \delta \leq 0.0005$ (10kHz 20°C)
绝缘电阻 $R_i X C_n$	$C_n \leq 0.33 \mu\text{F}$ $\geq 15000 M\Omega$ $C_n > 0.33 \mu\text{F}$ $\geq 10000 \text{s}$
耐电冲击能力 dv/dt	$> 200V/\mu\text{s}$
工作温度范围 Operating Temp.	-40°C~85°C/105°C
储存温度范围 Storage Temp.	-40°C~85°C
使用海拔 Max.Altitude	$< 2000\text{m}$
预期寿命 Lifetime Expectancy	30000h ($\theta \text{ h.s}=70^\circ\text{C}$)
封装形式 Encapsulation	迈拉胶带, 白色环氧

注：海拔使用高度超过2000m，应该考虑海拔对冷却和绝缘的影响。

外型及尺寸/Outline drawing

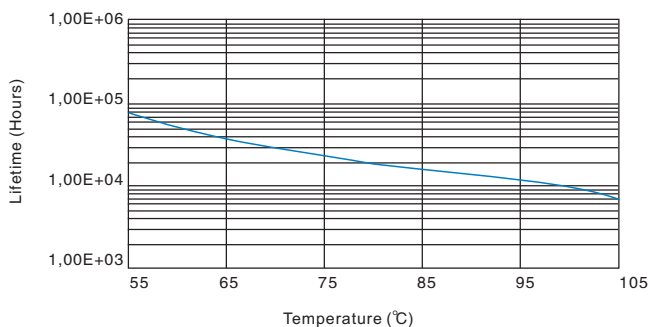


Outline drawing A...



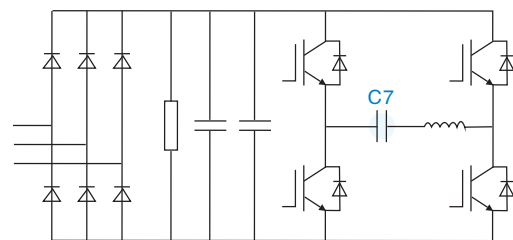
Outline drawing B..

预期使用寿命/Lifetime expectancy for MKPH-R



预期使用寿命/Lifetime Expectancy (hours)

典型线路图/Typical circuit



C7: Resonance Capacitors